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# Specifications for Asbestos Abatement Work at Eastwood Elementary School 13552 University Avenue Westminster, CA 92683

**September 26, 2023**
**Patriot Project No. OC164903**
**PO No. T6000780**

Prepared For
**Westminster School District**
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Westminster, CA 92683

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ASBESTOS ABATEMENT

PART 1 – GENERAL

1.01 SUMMARY

A. Section Includes:

1. Abatement of building and/or structure related Asbestos.

2. Removal of building and/or structure related Asbestos.

**3. Attachment A**.

B. Regulatory Requirements shall include, but not be limited to:

1. U.S. Environmental Protection Agency Regulations for Asbestos (Title 40, Code of Federal Regulations, Part 61, Subparts A & B, and Part 763, Subpart E.)

2. Title 8, Article 4, California Code of Regulations Construction Industry Safety Orders, Section 1529 "Asbestos" or current revised California regulations.

3. South Coast Air Quality Management District (SCAQMD) Rule 1403.

1.02 SECTION DEFINITIONS AND ACRONYMS

A. Abatement – Procedures to control fiber release from Asbestos Containing Materials or Asbestos Containing Construction Materials. Includes Removal, Encapsulation, Enclosures, repair, Demolition, and Renovation activities.

B. AHERA - Asbestos Hazard Emergency Response Act, 40 CFR, Part 763, Subpart E, and subsequent amendments.

C. Air Filtration and Ventilation System - A portable exhaust system, furnished with HEPA filtration, and capable of maintaining a constant air flow into a Regulated Area from adjacent areas and exhausted outside the Regulated Area.

D. Amended Water - Water to which a surfactant (wetting agent) has been added.

E. ANSI - American National Standards Institute

F. Asbestos - Means the asbestoform varieties of chrysotile (Serpentine); crocidolite (Riebecktite); amosite (cummingtonitegrunerite); anthophyllite; tremolite; and actinolite.

G. Asbestos Containing Construction Material (ACCM) – Means any manufactured construction material which contains more than one tenth of one percent (0.1%) Asbestos by weight.

H. Asbestos Containing Material (ACM) – Means any material containing more than one-percent (1%) Asbestos.

I. Asbestos Containing Waste (Non-hazardous) – Non-Friable Asbestos Containing Material including, but not limited to, floor covering, roofing materials and cementitious materials requiring disposal.

J. Asbestos Containing Waste (Hazardous) – Friable Asbestos Containing Materials and Asbestos contaminated objects and debris requiring disposal.

K. ASTM - American Society for Testing and Materials

L. Building ID Number or Code - A six digit alphanumeric identification code assigned to each building on an Owner site, also referred to as the insurance code, ID number or similar terms.

M. Bulk Samples - Samples of building or other materials collected for analysis to determine the presence and quantities of Asbestos.

N. Clean Room - An uncontaminated area or room, which is a part of the worker Decontamination Enclosure System with provisions for storage of worker's street clothes and clean protective equipment.

O. Competent Person - Has the same meaning as defined in the California Code of Regulations Title 8, as it relates to, "Competent Person."

P. Curtained Doorway – A device to allow ingress and egress from one room to another while permitting minimal air movement between the rooms, typically constructed by placing two overlapping sheets of plastic over an exiting or temporarily framed doorway, securing each along the top of the doorway, securing the vertical edge of one sheet along one vertical side of the doorway and securing the vertical edge of the other sheet along the opposite vertical side of the doorway. Other effective designs may be submitted for review.

Q. Decontamination – The process of eliminating Asbestos contamination from building surfaces, objects, and property, by cloths, mops, or other utensils dampened with water and disposed of afterwards as Asbestos contaminated waste.

R. Decontamination Enclosure System – Means an enclosed area, which is adjacent and connected to the Regulated Area, consisting of an Equipment Room, Shower Room, and Clean Room for the Decontamination of workers, materials, and equipment contaminated with Asbestos.

S. Demolition - The wrecking or taking out of any load supporting structural member of a facility together with any related handling operations.

T. DOSH - Division of Occupational Safety & Health or Cal/OSHA

U. DOT – Department of Transportation

V. DTSC – Department of Toxic Substances Control

W. Encapsulating Material - A liquid material applied to Asbestos-containing materials which controls the possible release of Asbestos fibers from the material either by creating a membrane over the surface (bridging agent) or by penetrating into the material and binding its components together (penetrating Encapsulating Material).

X. Encapsulation - The application of an Encapsulating Material to Asbestos Containing Materials to prevent the release of Asbestos fibers into the air.

Y. Enclosure - The construction or application of an airtight, impermeable, permanent barrier around Asbestos-containing material to control the release of Asbestos fibers into the air.

Z. Equipment Decontamination Enclosure System - That portion of a Decontamination Enclosure System designed for controlled transfer of materials and equipment into or out of the Regulated Area.

AA. Hazardous Waste - Means Friable Asbestos generated and prepared for waste disposal. Does not include non-friable material or materials containing less than one-percent Asbestos as determined by the point counting method.

BB. Equipment Room - A room within the worker Decontamination Enclosure System with provisions for storage of used clothing and equipment.

CC. Facility Component – Means any part of a facility including equipment.

DD. Fixed Object - A piece of equipment, furniture, or improvement in the Work area, which cannot be removed from the Work area.

EE. Friable Asbestos - Asbestos Containing Material which, when dry, can be crumbled, pulverized or reduced to a powder by hand pressure or as defined by current regulatory rules and/or regulations.

FF. Glove Bag Technique - A method with limited applications for removing small amounts of Asbestos Containing Material from short piping runs, valves, joints, elbows, and other non-planar surfaces in a Work area. The glove bag assembly is a manufactured or fabricated device consisting of a glove bag (typically constructed of 6 mil transparent polyethylene or polyvinyl chloride plastic), two inward projecting long sleeves gloves, an internal tool pouch, and labeled for Asbestos waste. The glove bag is constructed and installed in such a manner that it surrounds the object or material to be removed and contains all Asbestos fibers released during the process. All workers who are permitted to perform the Glove Bag Technique shall be thoroughly trained, experienced, and skilled in this method.

GG. HEPA Filter - Means a filtering system capable of trapping and retaining at least 99.97% of all mono-dispersed particles 0.3 microns in diameter or larger. For respirators this shall include NIOSH rated P-100 cartridges only.

HH. HEPA Vacuum - A vacuum system furnished with HEPA filtration.

II. High Volume Vacuum - A vacuum system with the capacity to collect material through a four (4) inch diameter hose a minimum distance of 150 feet. This system shall be furnished with HEPA Filter at the air exhaust port and water applicators within the hopper.

JJ. Holding Area – An airlock chamber in the equipment Decontamination Enclosure located between the washroom and an uncontaminated area.

KK. HVAC – Heating, Ventilation, and Air Conditioning System.

LL. Location Code - Refers to a unique four digit numeric code assigned by the Owner to each of its Project sites.

MM. Lockdown Coat – A material applied to surfaces where asbestos has been completely removed. The manufacturer shall determine the concentration of this material.

NN. Member – A component part of a structure complete in itself.

OO. Movable Object - A portable piece of equipment or furniture in the Work area, which can be removed from the Work area.

PP. NESHAP - National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)

QQ. NIOSH - National Institute for Occupational Safety and Health

RR. Outside Air - Air outside of buildings and structures.

SS. Owner Consultant (OC) - Refers to the firm, company or individual designated by the Owner.

TT. PCM - Phase Contrast Microscopy as it relates to clearance air, personal protection assessment, and ambient air monitoring. This procedure must follow the NIOSH Method 7400, Asbestos Fibers by PCM.

UU. PLM - Polarized Light Microscopy used for bulk sample analysis with dispersion staining for the determination and quantifying of Asbestos in Bulk Samples building materials.

VV. Regulated Area - Designated rooms, spaces, or areas of the Project in which Asbestos Abatement actions are to be performed or which may become contaminated as a result of Abatement activities. A contained Work area is a Work area, which has been sealed and furnished with a Decontamination Enclosure System. A non-contained Work area is an isolated or controlled access Work area, which has not been sealed or furnished with a Decontamination Enclosure System.

WW. Removal – Means all operations where all ACM and/or PACM is removed or stripped from structures or substrates including Demolition.

XX. Renovation – Means the modifying of any existing structure, facility, or portion thereof.

YY. SCAQMD – South Coast Air Quality Management District

ZZ. Shower Room - A room between the Clean Room and the Equipment Room in the worker Decontamination Enclosure furnished with hot and cold running water controllable at the tap, and suitably arranged for complete showering during Decontamination.

AAA. Staging Area - Either the Holding Area, or other areas near the Waste Transfer Airlock where containerized Asbestos waste is temporarily placed prior to permanent removal from the Work area.

BBB. Surfactant - A chemical wetting agent added to water.

CCC. TEM - Transmission Electron Microscopy as defined for Asbestos clearance air monitoring within AHERA. This procedure must follow the NIOSH Method 7402, Asbestos Fibers by TEM.

DDD. TSI - Thermal System Insulation as defined in AHERA.

EEE. USEPA or EPA – United States Environmental Protection Agency

FFF. Visible Emissions - Any emissions from a known or suspected Asbestos material that is visually discernible.

GGG. Waste Transfer Airlock - A Decontamination system provided for transferring containerized waste from inside to outside of the Work area.

## 1.03 POLICIES AND PROCEDURES

A. The Owner has a zero tolerance policy for uncontrolled Asbestos releases during construction or Abatement Work. An Asbestos release requiring an emergency response is any uncontrolled release of Asbestos Containing Construction Materials. The Owner shall be immediately notified of all such uncontrolled releases.

B. Pre-qualified Asbestos Abatement Subcontractors are not permitted to subcontract any Abatement Work to a lower tier Subcontractor without the prior written approval of the Owner.

C. Where ACM is damaged or disturbed, all Work in that room shall cease, the room vacated immediately, the Owner Consultant notified of the disturbance with corrective action provided as required by the Owner Consultant.

1.04 ROLES AND RESPONSIBILITIES

A. Roles and Functions:

1. Coordinate the Work of this section directly with the Owner and/or Owner Consultant.

2. All Work under this section shall be performed in strict accordance with all applicable Federal, State, and Local regulations, standards, and codes governing Asbestos Abatement and any other Work performed in conjunction with the Abatement Work.

3. The most recent edition of any relevant regulation, standard, document, or code is in effect. Where conflict among the requirements or with this Specification exists, the most stringent requirement shall be provided.

1.05 SITE SECURITY

A. The Work area shall be restricted to authorized, trained, and protected personnel. A list of authorized personnel shall be established by the Owner Consultant prior to commencement of the Work and posted at the entrance of the worker Decontamination System.

B. Report to the Owner Consultant any unauthorized entry into the Work area. Following notification, a written report of the incident shall be provided to the Owner Consultant.

C. A logbook shall be maintained at the entrance of the worker Decontamination system. All persons entering the Work area shall record their name, company affiliation, time in, and time out for each entry and exit.

D. Access to the Work area shall be through the worker Decontamination system. All other means of access shall be blocked or locked so as to prevent entry to or exit from the Work area. The only exceptions are the waste-pass out airlock, which shall be sealed except during the Removal of containerized Asbestos waste from the Work area, and emergency exits in case of fire or accident. Emergency

exits shall be operable from inside the Work area, however they shall be sealed with polyethylene sheeting and tape.

E. Maintain Work area security during Abatement Work. All Work areas and ancillary equipment accessible to non-authorized personnel shall be protected from unauthorized access by constructing a minimum barrier of 3/8 inch CDX plywood supported by 2" x 4" studs, 16 inches on center. Height shall be as required to safely access Regulated Area. An access door shall be provided with hasp and padlock sufficient to prevent unauthorized entry. A key shall be provided to the Owner and Owner Consultant. Required barriers within an occupied building shall be furnished with sheathing as required by state and local fire protection regulations.

F. The protective barrier for a High Volume Vacuum shall be a minimum of eight (8) feet in height. Barriers for these systems may be constructed of chain link type fencing instead of the specified barriers. Such fencing, if provided, shall be covered with an opaque covering resistant to environmental conditions. This barrier system shall be maintained at all times while the enclosed equipment is on the Project site.

G. Unless otherwise specified, remove all barriers upon completion of the Work of this section. Repair and/or replace to original condition, all damage resulting from installation, use, and removal of the barriers.

1.06 EMERGENCY PLANNING

A. Emergency planning and procedures shall be developed, submitted, reviewed, and agreed to by the Owner prior to the commencement of Abatement Work.

B. Emergency procedures shall be provided in the written languages understood by all employees working on the Project and shall be prominently posted at the entrance of the Decontamination Enclosure System. Prior to entering the Work area, all parties must read and sign these procedures to acknowledge receipt and understanding of the Work site layout, location of emergency exits, and emergency procedures.

C. Emergency planning shall consider the effects of fire, explosion, toxic atmospheres, electrical hazards, slips, trips and falls, confined spaces, and heat related injury. Develop and provide written procedures and training to all employees.

D. Employees shall be trained in evacuation procedures in the event of workplace emergencies.

E. In the event of non-life threatening situations requiring medical treatment, injured or otherwise incapacitated employees shall decontaminate following normal procedures with assistance from fellow workers if necessary, before exiting the Work area.

F. In the event of life threatening injury or illness requiring immediate medical treatment, worker Decontamination shall be given minimum priority. Provide all measures to stabilize the injured worker, remove them from the Work area and secure proper medical treatment.

G. Telephone numbers of all emergency response personnel shall be prominently posted at the entrance of the Decontamination Enclosure System along with the location of the nearest telephone. In addition to the 911 emergency number, post the address and telephone number of the nearest emergency medical services provider.

H. Provide at least one (1) employee on the Project site at all times during progress of the Work that is trained and certified in first aid and cardiopulmonary resuscitation (CPR). This employee shall be identified by name and proof of training shall be provided to the Owner Consultant prior to the commencement of the Work of this section.

I. Provide at least one (1) 4A/60BC dry chemical extinguisher in the Equipment Room and one (1) at each corner of workspace areas in excess of 1,000 square feet. All workers shall be trained in the proper operation of fire extinguishers.

J. Emergency exits shall be provided and clearly marked with arrows or other clearly visible markings to permit easy identification from anywhere within the Work area. Exits shall be secured to prevent access from uncontaminated areas while still permitting emergency egress. Exits shall be properly sealed with polyethylene sheeting, which can be cut to permit emergency egress. Emergency exits may lead through the worker Decontamination Enclosure, the waste removal airlock or other alternative exits as required by fire officials.

1.07 LICENSING

A. The Work of this section shall be performed by an entity duly licensed in the State of California in accordance with the provisions of Chapter 9 of Division 3 of the Business and Professions Code, as amended. The Work of this section shall be performed by an entity holding a license with an “ABS” Asbestos Certification as issued by the Contractors State License Board.

B. The entity performing the Work of this section shall be registered with the Department of Industrial Relations in accordance with the provisions of Section 6501.5 of the California Labor Code.

1.08 ASBESTOS RELATED REQUIREMENTS

A. Qualifications:

1. Comply with the provisions of the California Labor Code, Division 5, Part 1, as it pertains to safety in employment and the applicable provisions of Title 8, Chapter 4, Subchapters 1 through 21, California Code of Regulations (CCR) as it pertains to Occupational Safety and Health, and Subchapter 7, Section 5208 Article 4, and Section 1529, Asbestos Regulations.

2. Electrical Work shall be performed as part of the Work of Division 16 and all those who enter a Regulated Area are required to possess a current EPA certification as an Asbestos worker.

B. Abatement Activities:

1. The Asbestos Abatement Work shall be performed by persons who comply with all applicable Federal, State, and local regulations including AHERA certified training.

2. Supply all labor, materials, services, insurance, permits and equipment necessary to perform the Work in accordance with all applicable Federal, State, and Local regulations and this Specification.

3. Collect pre-Abatement air samples. Results shall be submitted prior to commencement of the Work of this section. Include location of Samples, name of air sampling professional, equipment, and methods utilized for sampling and analysis.

4. Submit weekly job progress reports detailing Abatement activities for Projects with schedules that exceed thirty days. Include review of progress with respect to previously established Milestones and schedules, major problems and action taken, injury reports, equipment breakdown, and air sampling results.

5. Within five (5) workdays of transport and/or disposal, submit copies of all transport manifests, disposal receipts, and weight certificates for all Asbestos waste removed from the Work area during the Abatement process. Weight certificates shall indicate in pounds the net weight of waste disposed from the Project site as indicated on the manifest.

6. Submit copies on a daily basis of the Work site entry logbooks.

7. Submit logs on a weekly basis documenting filter changes on respirators, HEPA Vacuums, HEPA Filtered ventilation units, water filtration units, and other approved engineering controls.

8. Submit results of air sampling data collected during the course of the Abatement Work including Cal/OSHA compliance air monitoring results.

9. Submit results of materials testing conducted during the Abatement Work for purposes of utilization during Abatement activities. (i.e., depth test, substitution materials, etc.)

10 Post at the entrance of the Decontamination Enclosure System a list containing the names, addresses, and telephone numbers of the entity performing the Work of this section, designated Competent Person, the Owner and/or Owner Consultant, the testing laboratory and any other personnel who may be required to access the Work area or perform services during the Abatement Work.

11. For employee review, post at the entry of the Work area a copy of the scope of Work, special conditions, the current standard Specifications, and the applicable prevailing wage.

1.09 SUBMITTALS

A. Provide in accordance with Division 01 and this section.

B. Prior to commencement of the Work of this section, submit the following notices, documentation, Shop Drawings, and Product Data:

1. For Projects involving Asbestos-containing materials 100 square feet or more, provide a typed written notification in accordance with 40 CFR Part 61.146 of Subpart M, to the SCAQMD and the Division of Occupational Safety and Health prior to start of the Work. For Projects within the geographical limits of Los Angeles City, provide an additional notice to the Los Angeles City Fire Department, marked "COURTESY COPY."

2. Submit to the Owner, satisfactory proof the required permits, site location, and arrangements for transport and disposal of Asbestos Containing Waste materials have been completed in accordance with California Health and Safety Code, Section 25143.7. Obtain and submit a copy of handling procedures and a list of protective equipment utilized for Asbestos disposal at the landfill.

3. Submit to the Owner satisfactory documentation that all employees, including foremen, supervisors, and any other company personnel or agents who may be exposed to airborne Asbestos fibers or who may be responsible for any aspects of Abatement Work, have received adequate training that includes, at a minimum, information as described within this section and as required by AHERA.

4. Prior to commencement of Abatement Work, all personnel required to construct and enter the Work area or handle containerized Asbestos-containing materials shall have received adequate training, in accordance with the requirements of this Specification and by 40 CFR, Part 763, Subpart E (AHERA) and Title 8, Section 1529, of the California Code of Regulations applies.

5. Special Project site training for equipment and procedures unique to this Project site shall be provided as required.

6. Training in emergency response and evacuation procedures shall be provided to all personnel performing Work of this section.

7. Submit documentation from a physician certifying that all employees are medically monitored and are physically capable of working while wearing the required respiratory protection without suffering adverse health effects as required by California D.O.S.H. regulations. The certification shall state that the employee or agent is approved to work with Asbestos and wear a respiratory protection without restrictions. Provide information to the examining physician about unusual conditions in the workplace environment that may impact on the employee's ability to perform Abatement Work activities.

8. Submit Shop Drawings for layout and construction of Decontamination Enclosure Systems and barriers for isolation of the Work area as detailed in this Specification and required by applicable regulations.

9. Submit manufacturer's certification that HEPA Vacuums, air filtration units, and other local exhaust ventilation equipment complies with ANSI Z9.2-79.

10. Submit Product Data verifying that all air filtration devices (i.e., air filtration units and vacuums) have been registered or certified, as applicable, in compliance with the SCAQMD.

11. If rental equipment is to be furnished in Abatement Work areas or to transport Asbestos contaminated waste, written notification concerning the

intended use of the rental equipment shall be provided to the rental agency with a copy submitted to the Owner.

12. Document NIOSH approvals for all respiratory protective devices furnished for the Work. Include manufacturer certification of HEPA filtration capabilities for all cartridges and filters.

13. Submit documentation of respirator fit testing for all employees and agents entering the Work area. This fit testing shall be performed in accordance with DOSH regulations.

14. Submit a Sample of all forms to be used in documenting required items to be submitted and/or reviewed.

C. Provide all other required submittals specified as part of the Work of this section.

1.10 PRE-ABATEMENT MEETING

A. Attend a meeting to be held prior to the commencement of Abatement Work. Attending this meeting shall be representatives of the Owner, the Owner Consultant if applicable, and the testing/monitoring personnel who shall actually participate in the testing/monitoring program. Secure the attendance of the individual who will be the Project site Competent Person for the Abatement Work.

B. At this meeting provide all required submittals except for those to be submitted during progress of the Work. In addition, provide detailed information concerning:

1. Preparation of Work area and Shop Drawings.
2. Personal protective equipment, including respiratory protection and protective clothing.
3. Employees who will participate in the Project, including delineation of experience, training, and assigned responsibilities during the Work.
4. Decontamination procedures for personnel, Work area, and equipment.
5. Abatement methods and procedures to be provided.
6. Required air monitoring procedures (pre-Abatement, Cal/OSHA mandatory and SCAQMD requirement).
7. Procedures for handling and disposing of waste materials, including disposal facility.
8. Procedures for final Decontamination and cleanup.
9. A sequence of Work activities and performance schedule.
10. Procedures for dealing with heat stress.
11. Emergency procedures.

1.11 CLOSE OUT DOCUMENTATION

A. Provide the following close out documentation:

1. Filter change logs for all air filtration units, water filtration units and respirators.
2. Foreman's daily job reports.
3. Employee entry/exit logs for all containment.
4. Visitor entry/exit logs for all containment.
5. Manometer printout reports for all applicable containment.
6. Air sample results for personnel, Work areas and air filtration units.
7. Copies of all hazardous and non-Hazardous Waste manifests.
8. All Hazardous Waste weight tickets.
9. All signed Daily Personnel Report Forms.
10. Signed code of conduct form from each employee working on a Project.
11. Signed Asbestos Abatement Project Personnel Logs.

B. Receipt of the last workday attendance log and the daily personal monitoring results shall be submitted within (2) two days upon completion of the Work of this section.

PART 2 – PRODUCTS

2.01 Materials and Equipment:

A. Materials

1. General:

a. Deliver all materials in the original sealed packages, containers, or bundles bearing the name of the manufacturer and brand name.

b. Store all materials subject to damage off the ground, away from wet or damp surfaces, and under cover sufficient enough to prevent damage or contamination. Replacement materials shall be stored outside of the Work area until area is cleared for normal occupancy.

c. Damaged, deteriorating or previously used materials shall not be furnished and shall be removed from the Project site and legally disposed of.

e. A sufficient supply of disposable mops, rags, and sponges for Work area Decontamination shall be provided.

f. Unless otherwise specified, the Owner will provide water and power for construction purposes. Connect to existing system as required.

2. Asbestos Related:

a. All plastic, polyethylene sheeting or visqueen shall be a fire-retardant type. Provide documentation from the manufacturer verifying compliance with this requirement.

b. A minimum of two layers of 4-mil polyethylene sheeting shall be installed for walls. For floors and all other installations, polyethylene sheeting of at least 6-mil thickness shall be furnished in sufficient widths to minimize the frequency of joints.

c. Method of attaching polyethylene sheeting shall be reviewed prior to installation and/or commencement of Abatement Work. Method of attaching polyethylene sheeting shall not cause damage to equipment, finish surfaces, or other property.

d. Polyethylene sheeting furnished for the Decontamination Enclosure System shall be opaque white or black in color and shall be a minimum of 6-mil thick.

e. Disposal bags shall be of 6-mil polyethylene, pre-printed with labels as required by SCAQMD and applicable Cal/OSHA and DOT requirements.

f. Apply labels as per SCAQMD, Cal/OSHA, and DOT requirements for disposal containers.

g. Provide warning signs as required by CAL/OSHA.

h. Surfactant (wetting agent) shall be a material that, when tested, demonstrates a surface tension of 29 dynes/cm as tested in its properly mixed concentration, using ASTM method D1331-56- "Surface and Interfacial Tension of Solutions of Surface Active Agents." Where Work area temperature may cause freezing of the Amended Water solution, the addition of an approved antifreeze in a manufacturer recommended amount is permitted.

B. Equipment

1. General:

a. All equipment delivered to the Project site shall be free of all Asbestos and/or fibrous debris. No equipment with Asbestos and/or fibrous debris in or on it is permitted on Owner properties.

b. Provide sufficient lighting to illuminate the Work area for safe visual working conditions and to clearly examine all surfaces.

c. Provide a sufficient supply of scaffolds, ladders, lifts, and hand tools that meet all applicable Federal, State, and local regulations.

d. Provide non-metallic dustpans, squeegees, and shovels for cleanup.

2. Asbestos Related:

a. A sufficient quantity of air filtration ventilation units furnished with HEPA filtration and operated in accordance with ANSI Z9.2-79 and EPA guidance documents shall be furnished to provide one workplace air change every 15 minutes creating a pressure differential of 0.02 inches of water everywhere within the Enclosure when compared to the pressure outside the Enclosure. For small Enclosures and glove bags, a HEPA Filtered vacuum system may be furnished to provide the pressure differential. A log documenting the filter change history of each unit is required before use. Any unit without this log shall have all filters changed and the unit decontaminated.

b. Provide a printable manometer for determining and recording the pressure differential within the isolated Work area as compared with the ambient environment. A printed record is required for the duration of the Project. The manometer shall operate 24 hours per day with a printed differential reading not to exceed fifteen (15) minute intervals.

c. High volume vacuum equipment shall be provided during all soil Removal operations unless otherwise specified.

d. Provide sprayers with pumps in a quantity capable of providing Amended Water in sufficient quantities to adequately wet materials to be abated.

e. Non-skid footwear shall be worn by all Abatement workers. Disposable clothing shall be adequately sealed to the footwear to prevent body contamination.

f. Provide additional safety equipment to all workers and authorized visitors.

g. When disposal containers are delivered to a Project site, all four (4) wheels of each container shall be moved and rested upon a sheet of plywood no smaller than 4' X 4' X 3/4" minimum.

2.02 EMPLOYEE PERSONAL PROTECTION EQUIPMENT

A. Respiratory Protection:

1. Respirators shall be provided for protection from particulate contaminants as required by the National Institute of Occupational Safety and Health.

2. The respirators provided shall furnish a maximum protection factor no less than the fiber concentration of the Work area. When powered air purifying respirators are provided, a sufficient supply of charged replacement batteries, filters, and a flow test meter shall be provided in the Clean Room area. Air purifying respirators with dual HEPA Filters may be provided during Work area preparation activities.

3. Provide spectacle kits and eyeglasses for employees who wear glasses and must wear full-face respirators.

B. Fit Testing:

1. Workers must perform positive and negative air pressure fit tests each time a respirator is donned, whenever the respirator design so permits. Powered air purifying respirators shall be tested for adequate flow as specified by the manufacturer.

2. Workers shall be undergo a qualitative fit test in accordance with procedures detailed in the D.O.S.H. requirements for all respirators to be provided for this Abatement Project. An appropriately administered quantitative fit test may be substituted for the qualitative fit test.

3. Documentation of adequate respirator fit must be provided to the OC.

4. No one wearing a beard shall be permitted to don a respirator and enter the Work area.

5. A minimum of two additional respirators of each type and training on their donning and use must be provided at the Work site for authorized visitors required to enter the Work area.

C. Protective Clothing:

1. Full body disposable protective clothing, including head, body, and foot coverings, shall be provided to all workers and authorized visitors in sizes adequate to accommodate movement without tearing.

2. Disposable clothing including head, foot, and full body protection shall be provided in sufficient quantities and adequate sizes for all workers and authorized visitors.

3. A new suit shall be donned upon each entry to the Abatement Work area.

4. Hard hats, protective eye wear, gloves, rubber boots and/or other footwear shall be provided as required for workers and authorized visitors. Safety shoes may be required and shall be provided.

PART 3 - EXECUTION

3.01 WORK AREA PREPARATION AND ABATEMENT PROCEDURES

A. Work Area Preparation

1. Shut down and lock out all heating, cooling and air conditioning systems (HVAC) components that are located in, supply, or pass through the Work area. Seal all intakes and exhaust vents in the Work area with tape and 6-mil polyethylene. Seal all seams in any system components that pass through the Work area.

2. Provide and post signs at all locations and approaches to the Regulated Area. The signs shall comply with Cal/OSHA regulations.

3. In conjunction with the Owner, shut down and lock out/tag out electric power to all Work areas. Provide equipment for temporary power with ground fault interrupters and lighting sources. Temporary power sources and equipment shall comply with all applicable electrical code requirements and Cal/OSHA requirements for temporary electrical systems. The Owner shall perform all electrical connections of electrical cable and equipment provided as part of the Work of this section to existing Owner systems. The Owner shall pay for the costs of electric power consumed during performance of the Work of this section, unless otherwise noted.

4. Clean and seal off all windows, doorways, elevator openings, corridor entrances, drains, ducts, grills, grates, diffusers, skylights, and any other openings between the Work area and areas outside of the Work area with 6-mil polyethylene sheeting and tape prior to proceeding with required cleaning.

5. Clean all Movable Objects within the Work area with a HEPA Filtered vacuum and wet cleaning methods. After cleaning, these objects shall be removed from the work area and carefully stored in a location designated by the Owner.

6. Clean all Fixed Objects in the Work area with a HEPA Filtered vacuums and wet cleaning methods. Careful attention shall be given to machinery behind grills or gratings where access may be difficult but contamination is present. Cleaning of walls, floors, and ceilings behind fixed items is required. After cleaning, enclose Fixed Objects in 6-mil polyethylene sheeting and seal securely in place with durable tape.

7. Clean all surfaces in the Work area with a HEPA Filtered vacuums and wet cleaning methods. Do not utilize any methods, such as dry sweeping or vacuuming, with equipment not furnished with HEPA Filters thereby creating airborne dust and particulates. Do not disturb Asbestos Containing Materials during this cleaning phase.

8. Floors shall be covered with two layers of 6-mil (minimum) polyethylene sheeting. Additional layers of sheeting may be furnished as drop cloths for cleanup of bulk materials.

9. Polyethylene sheeting shall be sized and installed to minimize seams. If the floor area to be covered requires seaming, seams on successive layers of polyethylene sheeting shall be staggered a minimum of six feet between each seam to reduce the potential for water penetration into the existing flooring. Do not install seams at the junction between a wall and floor.

10 Polyethylene sheeting installed on a floor shall extend at least 12 inches up the sidewalls of the Work area.

11. Polyethylene sheeting shall be installed so as to prevent slippage between successive layers of installed material.

12. Walls shall be covered with two (2) layers of 4-mil minimum thickness polyethylene sheeting.

13. Polyethylene sheeting installed on a wall shall overlap floor sheeting by at least 12 inches beyond the wall/floor joint to provide a seal against water damage.

14. Polyethylene sheeting installed on a wall shall be adequately fastened to prevent it from falling away from the walls. Provide additional support/attachment when air filtration ventilation systems are provided.

15. Provide one (1) layer of 3-mil maximum, polyethylene sheeting (non-fire retardant type for isolation of fire sprinkler devices. Installed taping shall not impede the normal function of the fire sprinkler device. Approved wire sprinkler guards shall be furnished in conjunction with isolation.

16. Install and operate air filtration equipment to provide one air change in the Work area every 15 minutes. Openings made in the Enclosure System to accommodate these units shall be made airtight with durable tape and/or caulking as needed. If more than one unit is installed, they shall be turned on one at a time, checking the integrity of all barriers after each unit is started. Insure that adequate power supply is available to satisfy the requirements of the air filtration units. Exhaust from these units shall be directed to the outside of the building whenever feasible. They shall not be exhausted into occupied areas of the buildings. Exhaust duct shall be extended from the Work area to the outside as required. Careful installation and daily inspections shall be performed to verify the exhaust ducts do not discharge into any areas of the building.

17. Once the Enclosure system is constructed and reinforced with air filtration units in operation as required, test the Enclosure for leakage utilizing smoke tubes. Repair, replace or reconstruct as required.

18. Following completion of the construction of all polyethylene barriers and Decontamination Enclosure System, operate the air filtration units overnight to insure the barriers will remain intact and secured to walls and fixtures before beginning actual Abatement Work.

19. Commencement of the Work of this section shall not occur until:

    a. The entire containment system has been constructed and inspected in accordance with the required Shop Drawings.
    b. Air filtration units are functioning within the requirements of this section.
    c. All pre-Abatement submittals, notifications, postings, and permits have been provided and reviewed by the Owner Consultant.
    d. All equipment for Abatement, Decontamination, and disposal are on the Project site.
    e. All worker training, respirator fit testing, and medical surveillance has been provided and reviewed by the Owner Consultant.
    f. A Notice to Proceed is transmitted by the Owner.

3.02 DECONTAMINATION ENCLOSURE SYSTEM

A. Decontamination Enclosure Systems shall be provided at all locations where workers will enter or exit the Work area prior to any other set up. Only one system at a single location for each Regulated Area is required. At least one individual shall be stationed at the entrance of each system at all times Work is in progress.

B. These systems may consist of existing rooms outside of the Work area, if the layout permits, and that can be enclosed in polyethylene sheeting, and are accessible from the Work area. If this intended layout is not feasible, given existing site conditions, Enclosure systems may be constructed out of metal, wood, or plastic support as required.

C. Decontamination Enclosure Systems constructed at the Project site shall be furnished with 6-mil opaque white or black polyethylene sheeting or other reviewed materials for privacy. Detailed descriptions of portable, prefabricated units, if furnished, shall be submitted for review. Shop Drawings must include floor plan with dimensions, materials, size, thickness, plumbing, and electrical utilities.

D. The system shall consist of at least a Clean Room, a Shower Room, and an equipment room, each separated from the other, from the Work area and from the non-Work area by "Z-flaps" at a minimum. The system shall be furnished with, at a minimum, two (2) layers of 6-mil polyethylene sheeting on the floors and walls.

E. Clean room shall be of adequate size to accommodate the Abatement crew. Clean work clothes, clean disposable clothing, replacement filters for respirators, disposable towels, and other necessary items shall be provided for in adequate supply adjacent to the Clean Room. A location for posting notices shall also be provided adjacent to this area. When required, a lockable door shall be furnished to control access into the Clean Room from outside the Work area. Comfort lighting, heat, and electricity shall be provided as required. This space shall not be used for storage of tools, equipment, materials, or as office space.

F. Shower room shall contain one or more showers as required to adequately accommodate workers. Each showerhead shall be supplied with hot and cold water adjustable at the tap. The shower Enclosure shall be constructed to ensure against any kind of leakage. Provide an adequate supply of soap, shampoo, and disposable towels, available at all times. Shower water shall be drained, collected, and progressively filtered through a system achieving a maximum particle size of 1.0 microns.

G. The Equipment Room shall be used for storage of equipment and tools at the end of a shift. These shall have been cleaned using a HEPA Filtered vacuum and wet cleaning methods. A container lined with a labeled 6-mil polyethylene bag for

collection of disposable clothing shall be located in this room. Reusable footwear shall be stored in this area after being cleaned.

3.03 WASTE CONTAINER REMOVAL AIRLOCK AND EMERGENCY EXITS

A. The waste container pass-out airlock shall be constructed away from the Decontamination Enclosure System. This airlock shall be in a location that provides direct access from the Work area to the outside of the building if possible.

B. This system shall consist of an airlock, container Staging Area, and another airlock providing access to outside the Work area.

C. The waste container airlock shall be constructed in similar fashion with similar materials as the Decontamination Enclosure System.

D. This airlock system shall not be used to enter or exit the Work area.

3.04 ALTERNATIVE PROCEDURES

A. Soil Removal

1. All required Abatement shall be performed prior to soil Removal.

2. If soil Removal is specified, all debris within or upon the soil shall be considered part of the soil and shall be removed as a contaminated waste. Debris includes, but is not limited to, fabric, paper, and other fibrous or porous materials.

3. It is not the intention of this section to require the Removal of large rocks, abandoned non-Asbestos-containing pipe, lumber and similar debris. If these types of conditions are encountered, clean and encapsulate these materials in place instead of removing them as a contaminated waste, provided Asbestos contamination is not ingrained within and/or affixed to them.

4. Soil shall be removed with a High Volume Vacuum system. Soil shall be removed to the hard pan unless otherwise specified or required.

5. After soil Removal has been completed, the Owner Consultant shall inspect the Work. Approval of the Removal Work is required prior to lock down and Encapsulation.

6. When soil requires Encapsulation following Asbestos Removal, including but not limited to, High Volume Vacuum removal, a continuous even coat

of encapsulating material shall be applied at the rate of no more than fifty (50) square feet per gallon.

B. Other:

1. All High Volume Vacuum systems shall be provided with an Enclosure constructed at the waste discharge port. This Enclosure shall be of sufficient size to accommodate the workers and disposal containers necessary for the Project. The Enclosure shall be constructed of one (1) layer, 6-mil minimum, of polyethylene sheeting. An air filtration unit shall be furnished during operation of the High Volume Vacuum.

2. Where pipe insulation is to be removed in a crawl space and/or attic space a single layer of 6-mil polyethylene sheeting with a minimum width of four (4) feet shall be placed centered under the Removal surfaces.

3. If specified procedures cannot be furnished, a written request shall be provided to the Owner outlining details of the problem encountered and recommended alternative solutions.

4. Alternative procedures shall provide equivalent or greater protection than the specified and/or required procedures.

5. Any alternative procedure requires the written approval of the Owner prior to implementation.

## 3.05 WORKPLACE ENTRY AND EXIT PROCEDURES

A. Before entering the Regulated Area all personnel shall read and be familiar with all posted regulations, personal protection requirements, and emergency procedures. A signature sheet shall be posted for signatory acknowledgement these have been reviewed and understood by all personnel prior to entry.

B. All workers and other authorized personnel shall enter the Work area through the Decontamination Enclosure System.

C. All personnel who enter or exit the Regulated Area shall sign the entry and exit log located adjacent to the Clean Room.

D. All personnel shall proceed first to the Clean Room, don respirator, and washable and/or disposable clothing.

E. General construction area equipment including, but not limited to, hard hats, eye protection, and gloves shall also be provided as required. Clean respirator and

cartridges, and protective clothing shall be provided and utilized by each person for each separate entry into the Regulated Area.

F. Before leaving the Regulated Area all personnel shall remove gross contamination from the outside of respirators and protective clothing by vacuuming and/or wet wiping methods. Each person shall clean bottoms of protective footwear just prior to entering the Equipment Room.

G. Personnel shall proceed to Equipment Room where they remove all protective equipment except respirators. Deposit disposable clothing into appropriately labeled containers.

H. Still wearing respirator, personnel shall proceed to the shower area, clean the outside of the respirators and the exposed face area under running water prior to removal of respirator then shower and shampoo to remove residual Asbestos contamination. Various types of respirators will require slight modification of these procedures. A powered air purifying respirator face piece will have to be disconnected from the filter/power pack assembly when such is not waterproof, upon entering the shower. A dual cartridge respirator may be worn into the shower and cartridges shall be replaced for each new entry into the Work area.

I. After showering and drying off, proceed to the Clean Room and don clean clothing.

J. At no time shall any personnel exit a Work area without being completely dressed. Any violation of this requirement will result in the permanent removal of the person from the Project site.

3.06 REMOVAL PROCEDURES

A. Brushes furnished for removing loose Asbestos Containing Material shall be furnished with nylon or fiber bristles. Metal or wire brushes are not permitted.

B. A sufficient supply of HEPA Filtered vacuum systems shall be provided during cleanup.

C. All barriers constructed to isolate the Regulated Area from other areas shall be inspected at least three times per shift; prior to the start of Abatement activities; half way into the shift; and following the completion of the Abatement activities at the end of the shift. Inspect and document observations in the daily Project log.

D. Damage and defects in the Enclosure system shall be repaired immediately upon discovery.

E. At any time during Abatement Work, following barrier installation, if visible debris is observed outside of the Regulated Area or damage occurs to the barriers,

stop Work immediately. Repairs shall be performed to the barriers and debris/residue shall be cleaned up with appropriate HEPA Vacuuming and wet wiping methods. These incidents shall be recorded in the daily Project log.

F. If air samples collected outside of the Work area during Abatement Work indicate airborne fiber concentrations greater than 0.01 f/cc or the pre-measured background levels (whichever is lower) Work shall stop immediately. An inspection and repair of barriers shall be performed as required. Surface cleaning with HEPA Vacuums and wet wiping methods of areas outside of the Work area may be required by the Owner. Findings, observations, and corrective actions shall be documented in the daily Project log.

3.07 ENCAPSULATION AND BRIDGING AGENTS

A. Clean and isolate the Work area in accordance with "Work Area Preparation" of this Section.

B. Repair damaged and missing areas of existing materials with non-Asbestos containing substitutes. Material shall adhere adequately to existing surfaces and provide an adequate base for application of Encapsulating Material. Filler material shall be installed in accordance with manufacturers recommended specifications.

C. Remove loose or hanging Asbestos Containing Materials in accordance with the requirements of "Removal Procedures" in this Section.

D. All lockdown and Encapsulating Material, and bridging agents shall be reviewed by the Owner Consultant prior to the commencement of the Work of this section.

E. Encapsulating Material shall be sprayed applied with airless spray equipment. Nozzle pressure shall be adjustable within a range of 400 to 1500 PSI.

F. Lock down coat shall be spray applied with low pressure providing a continuous even coat.

G. Bridging agents shall be a palm or brush grade.

H. All colorless lock down materials, Encapsulating Material, and bridging agents shall be furnished with a color additive. A different color shall be furnished for each separate coat of applied material.

I. Install penetrating type Encapsulating Material to penetrate existing sprayed Asbestos materials to a depth as required.

J During installation of the penetrating type Encapsulating Material, remove selected random core samples of the Asbestos Containing Materials in the presence of the Owner Consultant to verify depth of penetration.

K. Lock down coating and Encapsulating Material for installation on hot water, steam, or any other high temperature equipment shall be manufactured and recommended for installation on high temperature systems.

3.08 CLEAN UP PROCEDURES

A. Asbestos Clean Up Procedures:

1. Reusable footwear and kneepads shall be stored in the Equipment Room when not in the Work area. Upon completion of Abatement Work, these shall be disposed of as Asbestos contaminated waste or may be decontaminated at the completion of Abatement Work.

2. Remove and containerize all visible accumulations of Asbestos-containing material and Asbestos contaminated debris with rubber dustpans and rubber squeegees. Do not furnish or allow the use of metal shovels to pick up or move accumulated waste. Special care shall be taken to minimize damage to flooring materials.

3. Remove all containerized waste from the Work area and the waste container airlock.

4. Wet wipe all surfaces in the Regulated Area with unused rags, mops, and sponges as appropriate.

5. After cleaning remove the top layer of polyethylene sheeting from walls and floors.

6. Clean the second layer of polyethylene sheeting by wet wipe and HEPA Vacuuming. Windows, doors, HVAC system vents, and all other critical seals shall remain sealed until the Work area passes final clearance. The air filtration units shall remain in continuous operation and the Decontamination Enclosure System(s) shall remain in place and be utilized.

7. Decontaminate all tools and equipment and remove at the appropriate time in the cleaning process.

8. Provide notification to the Owner at least one (1) day in advance when Work will be completed and ready for final visual inspection. If, upon inspection, Work is not completed or the area does not pass final visual inspection, finish or correct the Work as required before again notifying

the Owner. Subsequent inspections shall commence not later than one (1) day following notice.

9. The Owner Consultant shall inspect the Work area for visible residue. If residue is observed, it shall be deemed to contain Asbestos and the cleaning process shall be repeated. The lock down coat shall be installed only after inspection by the Owner Consultant and during non-school hours.

10. The second layer of isolation shall only be removed after the Owner Consultant inspects the lock down coat or installed Encapsulation, but in no case prior to overnight drying of lock down coat or Encapsulation.

11. Following completion of air clearance monitoring the remaining barriers shall be removed and properly disposed of. A final visual inspection by the Owner Consultant shall be performed to verify that no contamination remains in the Work area. Unsatisfactory conditions may require additional cleaning and air monitoring.

3.09 WASTE HANDLING AND TRANSPORTATION

A. Asbestos Waste Handling

1. As the Work progresses, to prevent exceeding available storage capacity on the Project site, sealed and labeled containers of Asbestos Containing Waste shall be removed and transported to the prearranged disposal location.

2. Waste disposal shall occur at an authorized site in accordance with regulatory requirements of NESHAP and applicable State and Local regulations.

3. Once the drums, bags, and/or wrapped components have been removed from the Work area, they shall be loaded into an enclosed truck for transportation.

4. Personnel loading Asbestos waste shall be protected with disposable clothing and at a minimum half-face, air purifying, dual cartridge respirators furnished with HEPA Filters.

3.10 TRANSPORTATION OF NON HAZARDOUS WASTE

A. All waste shall be containerized, labeled, and transported in accordance with federal, state, and local regulations as required.

B. All waste shall be transported under cover a non-Hazardous Waste manifest.

C. All containers shall be enclosed at all times during transportation.

## 3.11 TRANSPORTATION OF HAZARDOUS WASTE

A. All dump receipts; trip tickets, transportation manifests, weight certificates or other documentation of disposal shall be delivered to the Owner Consultant within 48 hours of disposal. As the material and responsibility for the material changes hands, the generator or designee, the transporter(s), and the Disposal Site Operator shall sign the Uniform Hazardous Waste Manifest. If a separate waste hauler is employed, the name, address, U.S.E.P.A. ID number, and signature of the transporter shall also be affixed onto the manifest.

B. The enclosed cargo area of trucks or containers shall be free of debris and lined with 6 mil polyethylene sheeting to prevent contamination from leaking or spilled containers. Floor sheeting shall be installed first and extend up the sidewalls. Wall sheeting shall be overlapped and taped into place.

C. Drums shall be placed on level surfaces in the cargo area and packed tightly together to prevent shifting and tipping. Large structural components shall be secured to prevent shifting, with bags placed on top.

D. All access openings on large metal containers, which are used for storing or transporting Asbestos waste, shall have doors and tops that can be closed and locked. Materials not properly bagged shall not be placed in these containers or shall these containers be used for non-Asbestos waste. Bags shall be placed, not thrown, into these containers to avoid damage.

## 3.12 MONITORING

A. Abatement Project Management and Inspection:

1. Owner has the right to perform air and performance monitoring at any time

2. The Owner has unlimited access to the regulated and surrounding areas at all times during progress of the Work, including, but not limited to, use of ladders, scaffolds, and other equipment as required to gain access to the Work surfaces.

B. Work Area Monitoring:

1. Visual inspections and air testing may be performed at any time during the progress of the Abatement Work. Provide corrective measures as required

to maintain the Work area in compliance with this Specification and all regulatory requirements.

C. Contractor's Employee – Personal Air Monitoring:

1. Provide air monitoring as required California Code of Regulations, Title 8, Section 1529. Results shall be provided to the Owner Consultant within 10 working days of sampling.

D. Clearance Air Monitoring:

1. Following the completion of clean up operations, lock down coat application, and visual inspection by the Owner, clearance air monitoring shall be performed by the Owner Consultant.

2. The Owner Consultant shall arrange for sampling of the air in the Work area for airborne fiber concentrations. Unauthorized interference or tampering with air sampling equipment may result in termination of the Contract.

3. If air-sampling results are within the limits of 40 CFR, Part 763, Subpart E (AHERA), the Work area shall be released for occupancy.

4. Areas failing clearance monitoring shall be cleaned as required in sub-section 3.08, CLEAN UP PROCEDURES, and tested until satisfactory levels are provided in accordance with this Specification. Should it be determined by the Owner Consultant that additional clean up is necessary the contractor will be responsible for any additional costs associated.

## 3.13 RE-ESTABLISHMENT OF THE WORK AREA AND SYSTEMS

A. Reestablishment of the Work area shall only occur following the completion of final inspection and clearance air monitoring.

B. All critical barriers shall be removed at this time.

C. Accompanied by the Owner Consultant, visually inspect the Work area for any remaining visible residue. Evidence of contamination will require additional cleaning requirements.

D. Install and secure Moveable Objects.

E. Relocate Moveable Objects that were removed to temporary locations back to their original positions.

F. Reestablish HVAC, mechanical, and electrical systems to the condition prior to commencement of the Work of this section.

G. Repair all areas of damage deemed to be a result of the Abatement Work.

H. Restore the Work area and auxiliary areas utilized during the Abatement to conditions equal to or better than original. Any damage caused during the performance of Abatement Work, including, but not limited to, damage caused by tape, adhesive, staples, nails, water, Encapsulating Material, or any other material shall be repaired as required.

I. Prior to occupancy of a space following clearance monitoring, all HVAC systems filters associated with the Work area shall be removed and disposed of as Asbestos waste. Decontaminate filter assembly and surrounding area with HEPA Vacuums and wet cleaning methods.

END OF SECTION

**Attachment A**

**SCOPE OF WORK**
**FOR ASBESTOS-CONTAINING MATERIALS ABATEMENT**

**Eastwood Elementary School**

| | |
|---|---|
| **Project**: Eastwood Elementary School | **Date**: August 18 & 21, 2023 |
| **Address**: 13552 University Avenue, Westminster, California 92683 | |

The project covered by this Scope of Work includes the removal, handling, and disposal of asbestos-containing materials in accordance with the attached Westminster School District Specifications for Asbestos Abatement and applicable federal, state, and local regulations as they apply to the above-referenced site. This Scope of Work includes the above-referenced standard specifications and cannot be used separately. In case of conflict between this Scope of Work and the attached standard specifications, the specifications shall prevail.

A copy of this Scope of Work is to be posted on site during the abatement work.

## I Summary of Work

Remove and dispose of asbestos-containing materials (ACM) in advance of the upcoming renovation project at the above-referenced site. The scope of work as indicated by Westminster School District is a limited site survey and includes the specified buildings.

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## II Submittals

### Pre-job Submittals (as designated)

| | |
|---|---|
| X | SCAQMD Notification per 1403 (10 working days in advance) |
| X | Cal-OSHA Notification per 8 CCR 1529 (24 hours in advance) |
| X | Copy of current state contractor licensing board license |
| X | Abatement work schedule |
| X | Copies of workers' asbestos training certificates, including supervisor |
| X | Copies of workers' annual medical exam, including respirator approval |
| X | Copies of workers' 12-month respirator fit-test records |
| X | SCAQMD permits for HEPA equipment (e.g., negative air machines and vacuums) |
| X | Material Safety Data Sheets (MSDS) for all chemicals to be used |
| X | Emergency phone and pager numbers |

**On-going Submittals (as designated)**

| | |
|---|---|
| X | Personal air monitoring results |
| X | Updated worker documentation (as needed) |
| X | Work area access logs (daily) |
| X | Negative air pressure (manometer) records (each shift) |
| X | Copies of updated regulatory notifications (as needed) |

**Project Completion Submittals (within 2 weeks of project completion, as designated)**

| | |
|---|---|
| X | Certificate of Completion |
| X | Landfill weight ticket and receipt |
| X | Copies of completed waste manifests |
| X | Personal air sampling results |

## III Schedule

| |
|---|
| **Start Date**: To be announced |
| **End Date**: To be announced |
| **Maximum Abatement Shifts**: To be announced |
| **Time Frame**: To be announced |

## IV Project Contacts

| Company | Name | Phone Number |
|---|---|---|
| Westminster School District | Brian Johnson | (714) 264-4036 |
| Patriot Environmental Laboratory Services, Inc. | Fernando Najera | (714) 899-8900 |

## V Site Access

Arrange site access with Westminster School District at project commencement.

## VI Special Conditions

Adequate staffing and equipment must be dedicated to these projects to ensure completion of abatement work in accordance with the project schedule.

## VII Scope of Work

### Asbestos Abatement

| | |
|---|---|
| **Area 1:** | Buildings A+B, C+D, and Admin Building |
| **Method:** | Full-Containment |
| **Material:** | Corkboards |
| **Cal-OSHA Abatement Activity Class** | I |
| **Percent Asbestos** | Assumed |
| **Approx. Quantity to be Impacted*** | 3,440 SF |
| **Location:** | Building A+B: Classrooms A1-A4 and B1-B4<br>Building C+D: Classrooms C1-C4 and D1-D4<br>Admin Building: Printer Room |
| **Comments:** | **Remove corkboard material adequate to accommodate the renovation Project. Perform all work within a negative pressure containment using wet methods, in accordance with attached specifications.** |

| | |
|---|---|
| **Area 2:** | Buildings A+B, C+D, and Admin Building |
| **Method:** | Full-Containment |
| **Material:** | Whiteboards |
| **Cal-OSHA Abatement Activity Class** | I |
| **Percent Asbestos** | Assumed |
| **Approx. Quantity to be Impacted*** | 920 SF |
| **Location:** | Building A+B: Classrooms A1-A4 and B1-B4<br>Building C+D: Classrooms C1-C4 and D1-D4<br>Admin Building: Printer Room |
| **Comments:** | **Remove whiteboard material adequate to accommodate the upcoming renovation Project. Perform all work using wet methods, in accordance with attached specifications.** |

| | |
|---|---|
| **Area 3:** | Building C+D and Admin Building |
| **Method:** | Open Wet Methods |
| **Material:** | Chalkboards |
| **Cal-OSHA Abatement Activity Class** | I |
| **Percent Asbestos** | Assumed |
| **Approx. Quantity to be Impacted*** | 500 SF |
| **Location:** | Building C+D: Classrooms C1-C4 and D1-D4<br>Admin Building: Printer Room |
| **Comments:** | **Remove chalkboard material adequate to accommodate the renovation Project. Perform all work within a negative pressure containment using wet methods, in accordance with attached specifications.** |

| | |
|---|---|
| **Area 4:** | Admin Building |
| **Method:** | Full-Containment |
| **Material:** | Black Glue |
| **Cal-OSHA Abatement Activity Class** | I |
| **Percent Asbestos** | 5% Chrysotile |
| **Approx. Quantity to be Impacted*** | 1,920 SF |
| **Location:** | Nurse's Office, Office, and Printer Room |
| **Comments:** | **Remove black glue adequate to accommodate the renovation Project. Perform all work within a negative pressure containment using wet methods, in accordance with attached specifications.** |

***Note: The quantities of asbestos containing material in this scope of work are approximate. It is the responsibility of the abatement contractor to verify the actual quantities of materials to be abated during their demolition drawing review and the job walk for preparation of their bid.**

## VIII Monitoring and Clearance Requirements

| Area | Inspection | Air Clearance Type and Number |
|---|---|---|
| 1-4 | Visual | 5 PCM<br>per each work area where asbestos abatement is less than 160 s.f. or 260 l.f. otherwise TEM will be required. |

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PatriotLab.com
1041 S. Placentia Avenue, Fullerton, CA 92831

PATRIOT
Environmental Laboratory Services, Inc.

# Specifications for Asbestos Abatement Work at Eastwood Elementary School 13552 University Avenue Westminster, CA 92683

**September 26, 2023**
**Patriot Project No. OC164903**
**PO No. T6000780**

Prepared For
**Westminster School District**
14121 Cedarwood Avenue
Westminster, CA 92683

Prepared By
Patriot Environmental Laboratory Services, Inc.
1041 S. Placentia Avenue
Fullerton, California 90230

SECTION 01005

LEAD ABATEMENT AND LEAD RELATED CONSTRUCTION WORK

PART 1 – GENERAL

1.01 SUMMARY

A. Section Includes:

1. Abatement, Lead Related Construction Work, or painting of lead-containing materials and/or Lead Based Paint.

2. Removal and Transportation and disposal of lead-containing materials and/or Lead Based Paint.

3. **Attachment A.**

B. Regulatory Requirements shall include, but not be limited to:

1. Cal/OSHA Title 8, California Code of Regulations (CCR)

2. California Air Resources Board Ambient Air Quality Standard, Title 24 CCR

3. California Department of Public Health, Title 17, CCR

4. Cal/EPA, Title 22 CCR

5. California Labor Code, Division 5, Part 1, as it pertains to safety in employment and with the applicable provisions of the Title 8, CCR as it pertains to Occupational Safety and Health in the work place.

6. HUD – Title X, Residential Lead-Based Paint Hazard Reduction Act of 1992

7. Los Angeles County Public Health Code (Chapter 11)

1.02 SECTION DEFINITIONS AND ACRONYMS

A. AAS - Atomic Absorption Spectrophotometry used for lead paint chip and dust wipe sample analysis.

B. Abatement – Any set of measures designed to reduce or eliminate lead hazards or Lead Based Paint for public and residential buildings, but does not include containment or cleaning.

C. Action Level – Means the Action Level as defined in Title 8, California Code of Regulations, Section 1532.1.

D. ANSI – American National Standards Institute

E. ASTM – American Society for Testing and Materials

F. Building ID number or code – A six digit alphanumeric identification code assigned to each building on an Owner site, also referred to as the insurance code, ID number or similar terms.

G. Certificate – Means the document issued by DPH to an individual meeting the certification requirements as described in CCR Title 17, Sections 35083, 35085, 35087, 35089, or 35091.

H. Clean Room – An uncontaminated area or room which is a part of the worker Decontamination Enclosure System with provisions for storage of worker's street clothes and clean protective equipment.

I. Clearance Inspection – Means visual examination and, as applicable, collection of environmental samples upon completion of the Work of this section.

J. Component – Means a structural element or fixture, including but not limited to, walls, floors, ceilings, doors, window molding, trim, trestles, tanks, stairs, railings, cabinets, gutters, or downspouts.

K. Curtained doorway – A device to allow ingress and egress from one room to another while permitting minimal air movement between the rooms, typically constructed by placing two overlapping sheets of plastic over an exiting or temporarily framed doorway, securing each along the top of the doorway, securing the vertical edge of one sheet along one vertical side of the doorway and securing the vertical edge of the other sheet along the opposite vertical side of the doorway. Other effective designs may be submitted for review.

L. Decontamination – The process of eliminating lead contamination from building surfaces, and property by cloths, mops, or other utensils dampened with water and disposed of as lead contaminated waste.

M. Decontamination Enclosure System – A minimum a two-stage Decontamination unit consisting of a compartment for Decontamination, and a Clean Room. Unless otherwise specified, it shall be adjacent to the Abatement area.

N. Demolition – The wrecking or taking out of any load supporting structural member of a facility together with any related handling operations.

O. Deteriorated Lead Based Paint – Means Lead Based Paint or a surface coating that is cracking, chalking, flaking, chipping, peeling, non-intact, failed, or otherwise separating from the substrate to which it is applied to.

P. DPH – California Department of Public Health

Q. DPH-Approved Course – Means any lead-related construction course that satisfies the requirements specified in CCR Title 17, Sections 35056, 35061, 35066, or 35067 as determined by DPH pursuant to Sections 35076 and 35078.

R. DOSH – California Division of Occupational Safety & Health or Cal/OSHA.

S DOT – Department of Transportation

T. DTSC – California Department of Toxic Substances Control

U. Encapsulating Material – Are coatings or rigid materials adhesively applied to Lead Based Painted surfaces in the Encapsulation process.

V. Encapsulation – The application of an Encapsulating Material to Lead Based Paint to provide a barrier between the Lead Based Paint and the environment.

W. Enclosure – A rigid durable barrier mechanically attached to building Component, with all edges and seams sealed with caulk or other sealant.

X. Fixed Object – A piece of equipment, furniture, or improvement in the Work Area, which cannot be removed from the Work Area.

Y. Hazardous Waste – Means any waste stream determined by an Owner approved laboratory to exceed the regulatory thresholds for lead hazardous waste.

Z. HEPA Filter – Means a filtering system capable of trapping and retaining at least 99.97% of all mono-dispersed particles 0.3 micrometers in diameter or larger.

AA. HEPA Vacuum – A vacuum system furnished with HEPA filtration.

BB. HUD – United States Department of Housing and Urban Development

CC. HVAC – Heating, Ventilation, and Air Conditioning system.

DD. ICP-AES – Means Inductively Coupled Plasma-Atomic Emission Spectroscopy used for heavy metal analysis, including lead.

EE. Lead Based Paint – Means paint or other surface coatings that contain an amount of lead equal to or greater than 1.0 milligrams per square centimeter (1.0 $mg/cm^2$) or equal to or greater than 0.5% by weight.

FF. Lead Containing Paint – Means paint or other surface coatings that contain lead in an amount equal to or greater than 0.06% lead dry weight (600 ppm) but does not meet the definition of Lead Based Paint. In the absence of paint chip or surface coating bulk sample results, any surface coating shall be assumed to be above 0.06% lead dry weight (600 ppm) until surface coating samples are collected and analyzed that indicate otherwise. Lead concentration shall be determined by a method that has an accuracy of not less than plus or minus 25% at 0.06% lead dry weight, to a confidence level of 95%.

GG. Lead Contaminated Dust – Means dust that contains an amount of lead equal to, or greater than, forty micrograms per square foot (40 $\mu g/ft^2$) for interior floor surfaces; two hundred and fifty micrograms per square foot (250 $\mu g/ft^2$) for interior horizontal window surfaces; and eight hundred micrograms per square foot (800 $\mu g/ft^2$) for exterior floor and exterior horizontal window surfaces.

HH. Lead Contaminated Soil – Means bare soil that contains an amount of lead equal to, or greater than, four hundred parts per million (400 ppm) in children's play areas or one thousand parts per million (1000 ppm) in all other areas.

II. Lead Hazard – Means deteriorated Lead Based Paint, Lead Contaminated Dust, Lead Contaminated Soil, the disturbance of Lead Based Paint or Presumed Lead Based Paint without containment, or any other operation that may result in persistent and quantifiable lead exposure.

JJ. Lead Inspection – Means a surface by surface investigation to determine the presence of Lead Based Paint as described in Chapter 7: Lead Based Paint Inspection, " Guidelines for the Evaluation and Control of Lead Based Paint Hazards in Housing," U.S. Department of Housing and Urban Development, 1997 Revision.

KK. Lead Related Construction Work – Means any construction, alteration, painting, Demolition, salvage, Renovation, repair, or maintenance of any residential or public building, including preparation and cleanup, that, by using or disturbing lead-containing material or soil, may result in significant exposure of adults or children to lead.

LL. Lead Safe Schools Program – Means the training program for lead safe working practices as developed by the Labor Occupational Health Program at U.C. Berkley.

MM. Location Code – Refers to a unique four digit numeric code assigned by the Owner to each of its Project sites.

NN. Member – A Component part of a structure complete in itself.

OO. Movable Object – A piece of portable equipment or furniture in the Work Area, which can be removed from the Work Area.

PP. NESHAP – The National Emission Standards for Hazardous Air Pollutants (40 CFR Part 50.12)

QQ. NIOSH – The National Institute for Occupational Safety and Health

RR. Owner Consultant (OC) – Refers to the firm, company or individual designated by the Owner.

SS. Painting Contract – For purposes of this section, a painting contract is a Contract with the Owner to perform painting on existing facilities where Lead Based Paint, Lead Containing Paint, Presumed Lead Based or Presumed Lead Containing Paint will be disturbed or abated.

TT. P.E.L. – Means permissible exposure limits as defined in Title 8, California Code of Regulations, Section 1532.1.

UU. Plasticize – To cover floors, walls, and equipment with plastic sheeting as specified herein.

VV. Portable Mechanical Ventilation System – A portable exhaust system furnished with HEPA filtration and capable of providing a constant air flow into regulated Work Area from adjacent areas and exhausted outside the regulated area.

WW. Presumed Lead Based Paint – Means paint or surface coating affixed to a Component in or on a structure, excluding paint or surface coating affixed to a Component in or on a residential dwelling constructed on or after January 1, 1979, or a school constructed on or after January 1, 1993.

XX. Removal – Means all operations where Lead Based Paint is removed or stripped from structures or substrates including Demolition.

YY. Renovation – Means the modifying of any existing structure, facility, or portion thereof.

ZZ. Replacement – Means Removal of an entire building Component coated with Lead Based Paint and replacing it with a lead free Component.

AAA. SCAQMD – South Coast Air Quality Management District

BBB. STLC – Means Soluble Threshold Limit Concentration used in the State of California in conjunction with TTLC to determine lead hazardous waste limits. If the STLC result is equal to or exceeds 5 mg/L the waste is deemed to be hazardous.

CCC. Surfactant - A chemical wetting agent added to water.

DDD. TCLP – Means Toxicity Characteristic Leaching Procedure used to determine the federal Resources Conservation Recovery Act (RCRA) lead hazardous waste limits. If the results equal or exceed 5 mg/L the waste is deemed to be hazardous.

EEE. TTLC – Means Total Threshold Limit Concentration used in the State of California in conjunction with STLC to determine lead hazardous waste limits. If the results are equal to or exceeds 1000 mg/kg, the waste is deemed to be hazardous.

FFF. Visible Emissions – Any emissions from a known or suspected lead-containing material that is visually discernible.

GGG. Wet Cleaning – The process of eliminating lead contamination from building surfaces and/or objects by cloths, mops, or other utensils dampened with amended water and afterwards being disposed of as hazardous waste.

HHH. Work Area – Means an area where known or Presumed Lead Based Paint is disturbed or Abatement is conducted.

III. X-Ray Fluorescence (XRF) Analyzer – Means a direct reading instrument that determines the lead content of the surface coatings in milligrams per square centimeter ($mg/cm^2$) using the principle of x-ray fluorescence.

1.03 POLICIES AND PROCEDURES

A. The Owner has a zero-tolerance policy for uncontrolled lead releases during Lead Related Construction Work, Lead Containing Paint disturbance, or Abatement activities. A lead release requiring an emergency response is any disturbance resulting in the uncontrolled release of lead containing materials. Upon observation of any visual emissions, immediately stop the Work, vacate the Work Area, and provide written notification to the Owner Consultant.

B. Pre-qualified Abatement Subcontractors are not permitted to subcontract any Abatement Work to a lower tier Subcontractor without the prior written approval of the Owner.

C. Do not furnish a reduced pressurization and filtration system in violation of, or in infringement upon, any patent.

D. Owner Consultant shall provide oversight for all Projects that have the potential to disturb lead containing or Lead Based Paint. Prior to the commencement of such Work, provide written notification to the Owner Consultant.

1.04 COORDINATION

A. Coordinate the Work of this section directly with the Owner and/or Owner Consultant.

1.05 SITE SECURITY

A. The Work Area is restricted to authorized, trained, and protected personnel. A list of authorized personnel shall be established and posted at the entrance of the Work Area by the Owner Consultant prior to commencement of the Work.

B. Report to the Owner Consultant any unauthorized entry into the Work Area. Following notification, a written report of the incident shall be provided to the Owner Consultant.

C. A logbook shall be maintained at the entrance of the Work Area. All persons entering the Work Area shall record name, company affiliation, time in, and time out for each entry and exit.

D. Access to the Abatement Work Area shall be through the Decontamination Enclosure System only. All other means of access shall be blocked or locked so as to prevent entry to or exit from the Work Area. Emergency exits shall be operable from inside the Work Area.

E. Maintain Work Area security during Abatement and/or Lead Related Construction Work. All Work Areas and ancillary equipment accessible to non-authorized personnel shall be protected from unauthorized access by constructing a minimum barrier of 3/8 inch CDX plywood supported by 2" x 4" studs, 16 inches on center. An access door shall be provided with hasp and padlock sufficient to prevent unauthorized entry. A key shall be provided to the Owner and Owner Consultant. Required barriers within an occupied building shall be furnished with sheathing as required by state and local fire protection regulations.

F. Remove all barriers upon the completion of the Work of this section and unless otherwise specified, repair and/or replace to it's original condition, all damage resulting from installation, use, and removal of the barriers.

1.06 EMERGENCY PLANNING

A. Emergency planning and procedures shall be developed, submitted, reviewed, and agreed to by the Owner Consultant prior to the commencement of lead-related construction and/or Abatement Work.

B. Emergency procedures shall be provided in the written languages understood by all employees working on the Project and shall be prominently posted at the entrance of the Decontamination Enclosure System. Prior to entering the Work Area, all parties must read and sign these procedures to acknowledge receipt and understanding of the Work Area layout, location of emergency exits, and emergency procedures.

C. Emergency planning shall consider the effects of fire, explosion, toxic atmospheres, electrical hazards, slips, trips and falls, confined spaces, and heat

related injury. Develop and provide written procedures and training to all employees.

D. Employees shall be trained in evacuation procedures in the event of workplace emergencies.

E. In the event of non-life threatening situations requiring medical treatment, injured or otherwise incapacitated employees shall decontaminate following normal procedures with assistance from fellow workers if necessary, before exiting the Work Area.

F. In the event of life threatening injury or illness requiring immediate medical treatment, worker Decontamination shall be given minimum priority. Provide all measures to stabilize the injured worker, remove them from the Work Area and secure proper medical treatment.

G. Telephone numbers of all emergency response personnel shall be prominently posted at the entrance of the Decontamination Enclosure System along with the location of the nearest telephone. In addition to the 911 emergency number, post the address and telephone number of the nearest emergency medical services provider.

H. Provide at least one (1) employee on the Project site at all times during progress of the Work that is trained and certified in first aid and cardiopulmonary resuscitation (CPR). This employee shall be identified by name and proof of training shall be provided to the Owner Consultant prior to the commencement of the Work of this section.

I. Provide at least one (1) 4A/60BC dry chemical extinguisher in the Decontamination compartment. All workers shall be trained in the proper operation of fire extinguishers.

J. Emergency exits shall be provided and clearly marked with arrows or other clearly visible markings to permit easy identification from anywhere within the Work Area. Exits shall be secured to prevent access from uncontaminated areas while still permitting emergency egress. Exits shall be properly sealed with polyethylene sheeting, which can be cut to permit emergency egress. Emergency exits may lead through the Decontamination Enclosure System or other alternative exits as required by fire officials.

1.07 LICENSING

A. The Work of this section shall be performed by an entity duly licensed in the State of California in accordance with the provisions of Chapter 9 of Division 3 of the Business and Professions Code, as amended.

1.08 QUALIFICATIONS

A. Only safety pre-qualified bidders on the pre-approved bidders list are qualified to be awarded an Abatement Contract or Painting Contract be listed as a Subcontractor for lead Abatement Work or Painting Contract.

B. Where the scope of the Work includes the painting and/or refinishing of existing surfaces, only safety pre-qualified bidders on the pre-approved bidders list are qualified to be awarded a painting Contract or be listed as a Subcontractor for painting Work.

C. Before any workers perform Abatement Work or Work of this section where the P.E.L. is exceeded, submit proof of DPH training and certification. No Work shall be performed until the Owner Consultant has reviewed and approved DPH training and certifications.

D. All workers shall be in personal possession of a wallet DPH certification card at all times while they are performing Abatement Work on the Project site.

E. All workers performing lead Abatement, Lead Related Construction Work, or disturbance of Lead Containing Paint where the exposure level exceeds the P.E.L., shall possess current DPH certification and at least one DPH Certified supervisor shall be available as required by Title 17, CCR subsection 36100.

1.09 TRAINING

A. Lead Related Construction Work shall be performed by personnel with the following training, as applicable:

1. The Lead Related Construction Work, specified herein, shall be performed by individuals trained and qualified in the techniques of lead-related construction, handling, disposal of lead-based and Lead Containing Paint, and the subsequent cleaning of contaminated areas. These individuals must comply with all applicable Federal, State, and Local regulations including, but not limited to, DPH accredited training and certification, and must be capable of and willing to perform the Work of this section.

2. Training specific to the performance of Lead Related Construction Work shall be provided to employees prior to performing the Work of this section.

3. Training specific to the operation and use of fire extinguishers.

1.10 EXPOSURE ASSESSMENT

A. Disturbance of Lead Containing Paint, as defined in this Specification, disturbed by tasks not included in Title 8, CCR Section 1532.1, Subsection (d)(2), shall require worker-exposure monitoring upon initiation of the Work. The workers performing these tasks shall be trained in accordance with the Hazard Communications Standard, Section 5194, including but not limited to, the requirements concerning warning signs and labels, Material Safety Data Sheets (MSDS), and employee information and training.

B. Provide an exposure assessment where the workers are performing Lead Related Construction Work. If historical data, collected within the 12 months prior to the Work performed, indicates worker exposure is below the P.E.L. , and the Work being performed closely resembles the process, type of material, control methods, work practices, and environmental conditions, additional exposure assessment is not required.

C. For Lead Related Construction Work where there is objective data or an exposure assessment demonstrating that the Lead Based Paint, or a specific process, operation or activity other than Abatement involving lead cannot result in employee exposure to lead at or above the P.E.L. during the specific process or handling, employees trained as required by Title 8, CCR Section 1532.1, including the training topics of the Lead-Safe Schools Program, may perform the Lead Related Construction Work.

D. Where Work being performed indicates an exposure above the Action Level, each employee is required to have current blood lead level and Zinc Protoporphorin testing, medical clearance for negative pressure respirator use, and respirator fit testing.

E. If there is no objective data or a negative exposure assessment fulfilling the above requirements, all Lead Related Construction Work identified as a trigger task by Title 8, CCR 1532.1 shall be performed by workers who have received training as required by Title 8 CCR, Section 1532.1. This training shall, at a minimum, include the training topics of the Lead Safe Schools Program. An exposure assessment is required to be performed upon initiation of Work.

F. The required exposure assessment shall not exceed 12 months from the date the samples were collected to the date the Lead Related Construction Work or disturbance of Lead Containing Paint is performed.

G. The submission and review by the Owner Consultant of the objective data or exposure assessment is required prior to performing Lead Related Construction Work.

## 1.11 SUBMITTALS

A. Provide in accordance with Division 01 and this section.

B. Prior to performing the Work of this section, submit the following procedures to the Owner Consultant:

1. An Abatement plan including, but not limited to:

a. A detailed written description of the measures and management procedures, including the containment that will be utilized during Abatement to prevent exposure to lead hazards. Shop Drawings shall indicate the containment locations.

b. A detailed written description of the Abatement, including methods of Abatement, locations of rooms and building Component where Abatement is planned.

2. Required air monitoring procedures (Cal/OSHA mandatory and SCAQMD permits for air filtering equipment).

3. Decontamination procedures for personnel, Work Area, and equipment.

4. Procedures for handling and disposing of waste materials, including disposal facility.

5. Provide the procedures to be used for capturing debris while disturbing overhead materials.

6. Procedures for final Decontamination and cleanup.

7. Procedures for dealing with heat stress during Abatement.

8. Emergency procedures during Abatement.

C. Prior to performing Abatement Work of this section, submit the following Shop Drawings to the Owner Consultant:

1. Preparation of Work Area.

2. Layout and construction of Decontamination Enclosure System and barriers for isolation of the Work Area described in this Specification and required by applicable regulations.

D. Prior to performing the Work of this section, submit the following Product Data to the Owner Consultant:

1. Product Data relative to personal protective equipment including respiratory protection and protective clothing.

2. Material safety data sheets and technical specifications for proposed materials.

E. Prior to performing the Work of this section, submit the following notifications to the Owner Consultant:

1. Evidence of notification to Cal/OSHA as required by Title 8 CCR, Section 1532.1, where applicable.

2. Notify DPH no less than five days in advance of Abatement by submitting an Abatement of Lead Hazard Notification, DPH Form 8551.

F. Prior to performing the Work of this section, submit the following documentation to the Owner Consultant:

1. A list of employees who will participate in the Project, including delineation of experience, training, and assigned responsibilities during the Project.

2. Submit proof satisfactory to the Owner Consultant that required permits, site location, and arrangements for transport and disposal of lead containing waste has been performed in accordance with Federal, State, and local regulations.

3. Submit proof of training for each worker who will perform Abatement or Lead Related Construction Work.

4. Submit manufacturer's certification that HEPA Vacuums, air filtration units and other local exhaust ventilation equipment conform to ANSI Z9.2-79, as applicable.

5. When HEPA Vacuums are utilized on the Project, provide the maintenance and filter change log for these before they are brought onto the Project site.

6. Provide the current SCAQMD permit for each HEPA Vacuum and Portable Mechanical Ventilation System before they are brought onto the Project site.

7. Where biological monitoring is required, submit test result documentation verifying all employees have completed blood lead level and Zinc Protoporphorin tests in accordance with Title 8 CCR, Section 1532.1.

8. All workers are required to submit a signed Code of Conduct form.

G. Prior to performing the Work of this section, submit the following Samples to the Owner Consultant:

1. Submit a Sample of all forms to be used in documenting the Work of this section.

H. Prior to performing the Work of this section, submit the following schedule to the Owner Consultant:

1. An intended sequence of Work and construction schedule. Coordinate both the sequence and durations with the Owner.

I. Prior to performing the Work of this section, submit all other required items to the Owner Consultant.

J. During the performance of the Work of this section, submit the following documentation to the Owner Consultant:

1. Submit documentation from a physician certifying that all employees who wear a negative pressure respirator are medically cleared to do so without suffering adverse health effects as required by DOSH regulations. The certification shall state that the employee or agent may perform Lead Related Construction Work and wear a negative pressure respirator without restrictions. Provide information to the examining physician about unusual conditions in the workplace environment that may impact the employee's ability to perform Work activities.

2. During the performance of the Work of this section, and before additional supervisors or workers are permitted to perform the Work of this section, submit proof of DPH training and certification, where applicable. No additional supervisors or workers are permitted upon the Project site until the Owner Consultant has approved the DPH training and certifications, when required.

3. Submit weekly job progress reports detailing Abatement and/or Lead Related Construction Work activities for Projects that will exceed thirty (30) days. Include review of progress with respect to previously established Milestones and schedules, major problems and action taken, injury reports, equipment breakdown, and air and/or wipe sampling results.

4. Within five (5) workdays of transport and/or disposal, submit copies of all transport manifests, disposal receipts, analytical data, and weight certificates for all hazardous waste removed from the Work Area during

the Lead Related Construction Work and/or Abatement Work. Weight certificates shall indicate by pounds the net weight of waste disposed of from the Project site as indicated on the associated manifest.

5. Submit daily, copies of Abatement Work site entry logbooks with information on worker and visitor access.

6. Submit logs on a weekly basis documenting filter changes on respirators, HEPA vacuums, HEPA filtered ventilation units, water filtration units, and other approved engineering controls, as applicable.

7. Submit results of air and/or wipe sampling data (as applicable) collected during the course of the Abatement and/or Lead Related Construction Work including DOSH compliance air monitoring results.

K. During the performance of the Work of this section, submit all other required items.

1.12 PRE-ABATEMENT MEETING

A. Attend a meeting to be held prior to the commencement of the Work of this section. Attending this meeting shall be representatives of the Owner, the Owner Consultant if applicable, and the testing/monitoring personnel who shall actually participate in the testing/monitoring program. Secure the attendance of the individual who will be the Project site competent person for the Abatement Work.

B. At this meeting provide all required submittals except for those to be submitted during progress of the Work. In addition, provide detailed information concerning:

1. Preparation of Work Area and Shop Drawings.
2. Personal protective equipment, including respiratory protection and protective clothing.
3. Employees who will participate in the Project, including delineation of experience, training, and assigned responsibilities during the Work.
4. Decontamination procedures for personnel, Work Area, and equipment.
5. Abatement methods and procedures to be provided.
6. Required air monitoring procedures (pre-Abatement, Cal/OSHA mandatory, and SCAQMD requirement).
7. Procedures for handling and disposing of waste materials, including disposal facility.
8. Procedures for final Decontamination and cleanup.
9. A sequence of Work activities and performance schedule.
10. Procedures for dealing with heat stress.
11. Emergency procedures.

PART 2 – PRODUCTS

2.01 Materials and Equipment

A. Materials:

1. Deliver all materials in the original sealed packages, containers, or bundles bearing the name of the manufacturer and brand name.

2. Store all materials, subject to damage off the ground, away from wet or damp surfaces, and under cover sufficient enough to prevent damage or contamination. Replacement materials shall be stored outside of the Work Area until area is cleared for normal occupancy.

3. Damaged, deteriorating, or previously used materials shall not be furnished and shall be removed from the Project site and legally disposed of.

4. A sufficient supply of disposable mops, rags, and sponges for Work Area Decontamination shall be provided.

5. Unless otherwise specified, the Owner will provide water for construction purposes. Connect to existing system as required.

6. All products brought onto the Project site shall be accompanied by their respective Material Safety Data Sheet, which shall be maintained on the Project site.

7. All plastic, polyethylene sheeting or visqueen shall be a fire retardant type. Provide documentation from the manufacturer verifying compliance with this requirement.

8. Polyethylene sheeting furnished for the Decontamination Enclosure System shall be opaque white or black in color and shall be a minimum of 6-mil thick.

9. Surfactant (wetting agent) shall be a material that, when tested, demonstrates a surface tension of 29 dynes/cm as tested in its properly mixed concentration, using ASTM method D1331-56-"Surface and Interfacial Tension of Solutions of Surface Active Agents." Where Work Area temperature may cause freezing of the Amended Water solution, the addition of approved antifreeze in a manufacturer recommended amount is permitted.

B. Equipment:

1. Disposal bags shall be of 6-mil polyethylene, pre-printed with labels as required by applicable Cal/OSHA and DOT requirements.

2. Provide labels as per DOT requirements for disposal containers.

3. Provide warning signs as required by Cal/OSHA.

4. Disposal containers shall meet requirements of Title 22, CCR.

5. Provide a sufficient supply of scaffolds, ladders, lifts, and hand tools, as needed to complete the Work.

6. Provide sprayers with pumps capable of providing amended water in sufficient quantity to adequately wet the material to be abated or for Lead Related Construction Work.

7. Provide a sufficient supply of HEPA filtered vacuums to maintain a clean environment in compliance with this section.

8. When an enclosure requiring negative pressure is specified, a sufficient quantity of air-filtration ventilation units furnished with HEPA filtration and operated in accordance with ANSI Z9.2-79 and EPA guidance documents shall be utilized to provide one workplace air change every 15 minutes and creating a pressure differential of -0.02 inches of water everywhere within the enclosure when compared to the area outside the enclosure. A log documenting the filter change history of each unit shall be required before use, and any unit without this log shall have all filters changed and the unit decontaminated.

9. When rental equipment is to be used in Abatement areas or to transport lead contaminated waste, a written notification concerning the intended use of the rental equipment shall be provided to the rental agency with a copy submitted to the Owner.

10. When performing chemical Removal, provide portable eyewash station(s) that meet ANSI standards and are accessible to workers within 10 seconds.

11. Additional safety equipment, as necessary, shall be provided to all workers and authorized visitors.

12. All equipment delivered to the Project site shall be free of all debris suspect of containing lead. No equipment with suspect debris in or on it shall be permitted on Owner properties and/or the Project site.

13. When roll-off disposal containers are delivered to a Project site, all four (4) wheels of each container shall be moved and rested upon a minimum size sheet of plywood of 4' X 4' X 3/4".

14. Lighting shall be provided in an amount sufficient to illuminate the Work Area for the purpose of safe visual working conditions and to permit examination of all surfaces where Work is performed.

2.02 EMPLOYEE PERSONAL PROTECTIVE EQUIPMENT

A. Respiratory Protection:

1. Submit NIOSH approvals for all respiratory protective devices utilized on the Project site. Include manufacturer certification of HEPA filtration capabilities for all cartridges and filters. Filter cartridges shall be furnished with the NIOSH P-100 designation.

2. Provide respiratory protection to all employees in compliance with CCR Title 8, Sections 1532.1 and 5144, as determined by the employee exposure assessment.

3. In the absence of an exposure assessment, base respiratory protection on the requirements of Title 8, CCR Section 1532.1, specifically subsection (d).

4. In addition to P-100 filters, provide the appropriate respirator filter cartridges for exposure to other airborne contaminants generated during the Abatement process.

5. Provide authorized visitors with a respirator and cartridges sufficient to protect individuals from exposure to hazardous environments generated during the Abatement activity.

B. Fit Testing:

1. Perform fit testing in accordance with Title 8 CCR, Section 5144.

2. Submit documentation of respirator fit testing for all individuals entering the Work Area.

3. Maintain and submit to the Owner a copy of the written respiratory protection program.

C. Personal Protective Clothing and Equipment:

1. Provide eye protection to employees sufficient to protect employees from

debris during Work progress when full-face respirators are not being utilized.

2. Provide and require the use of eye protection when employees are working with a material that may splash or fragment, as specified by the Material Safety Data Sheet for a given product, or as required by Title 8, CCR.

3. Spectacle kits and eyeglasses must be provided for employees who wear glasses and who must wear full-face piece respirators. Provide respirators that have been tested and approved by the National Institute of Occupational Safety and Health for use in lead-contaminated atmospheres.

4. Provide full-body disposable protective clothing, including head, body, and foot coverings to all workers and authorized visitors who enter the Work Area, in sizes adequate to accommodate movement without tearing. A new suit shall be provided and donned for each separate entry.

5. If washable clothing is to be worn underneath disposable protective clothing, it shall be provided to all Abatement workers.

6. Provide a clean staging area for workers and others to store street clothes and personal protective equipment.

7. Disposal suits shall be collected in an appropriate disposal container at the entrance of the Abatement Work Area.

8. Abatement workers are required to wear nonskid footwear sufficient to protect them from workplace hazards. Disposable clothing shall be adequately sealed to the footwear to prevent body contamination.

9. Hand protection shall be provided, and workers shall be required to use lotion sufficient quantities to protect the worker when chemicals or other physical hazards exist.

10. As required by the Work site and applicable safety regulations, provide head protection and require the use thereof.

11. All worker protection equipment shall be ANSI approved.

## PART 3 - EXECUTION

### 3.01 LEAD RELATED CONSTRUCTION WORK

A. Work Area Preparation and Work Practices:

1. Where exposure monitoring indicates Worker exposure is below the P.E.L., comply with the requirements of this section and the "Monitoring" section of this Specification.

2. All disturbance of lead containing materials shall be performed using wet methods.

3. Work requiring overhead disturbances shall require a means of capturing debris, thus preventing an uncontrolled release on the worker or the surfaces below.

4. For disturbances utilizing local exhaust dust collection devices the equipment shall be designed and furnished with a HEPA filtered vacuum attachment approved by the manufacturer.

5. Where Components are to be removed, all loose Lead Based Paint and Lead Containing Paint shall be removed by manual means using wet methods.

6. Where a Component is attached and painted onto another surface and the Component is to be removed from the adjoining surface the paint shall be cut with a razor knife to reduce the potential of paint chip debris during Component removal.

7. If a Component being removed will be disposed of rather than reinstalled, manually cut the Component into manageable sections for disposal using wet methods or mechanically cut using a manufactured approved HEPA filtered local exhaust dust collector.

8. If a Component is to be reused, loose paint or rough edges may require scraping or sanding. All scraping or sanding must be performed manually using wet methods or mechanically with a manufactured approved HEPA filtered local exhaust attachment.

9. For solid core surfaces where penetration and/or welding are required the lead containing material shall be removed from the area impacted using wet methods. All layers of Paint shall be removed before impact to the surface commences.

B. Clean Up Procedures:

1. During the entire process of Lead Related Construction Work, clean all debris generated using wet methods and/or HEPA Vacuuming.

2. At the completion of the Lead Related Construction Work, clean all surfaces within the impacted Work Area.

3. When HEPA filtered Vacuums are utilized, vacuum from the area of impact to the outer perimeter of the polyethylene sheeting to remove all visible debris. If vacuuming cannot remove all visible debris, wet wiping will also be required.

4. When wet wiping the Work Area, wipe from the area of impact to the outer perimeter of the polyethylene sheeting to remove all visible debris.

5. All tools and equipment utilized in the Work Area shall be thoroughly wet wiped to remove visible debris.

3.02 ABATEMENT

A. Work Area Preparation:

1. Clean areas to be isolated by HEPA Vacuum prior to installation of polyethylene sheeting.

2. Seal the Work Area with a layer of 6 mil thick polyethylene sheeting prior to any Lead Based or Lead Containing Paint Removal or disturbance by covering all vents, windows, door openings, and any non-Moveable Objects such as lockers, etc.

3. Install a minimum of two (2) layers of 6 mil thick polyethylene sheets on floors, fastened by waterproof tape and other means as necessary to secure the sheeting.

4. The covering on windows, exterior doors, and vents shall be installed from the outside to facilitate Work on them from the inside.

B. Decontamination Enclosure System:

1. At a minimum a two-stage Decontamination Enclosure System consisting of a compartment for Decontamination and a Clean Room shall be constructed and used.

2. Unless otherwise specified, the Decontamination Enclosure System shall be adjacent to the Abatement area.

3. Other enclosure methods may be used if submitted and approved by the Owner Consultant.

C. Removal and Replacement Substrates with Lead Based Paint:

1. Except as noted in the Specifications and Drawings, replace substrate with material of the same or better quality. Substrates include, but are not limited to doors, windows, moldings, casements, mantels, trims, skirting, baseboards, and associated hardware and fasteners.

2. Areas adjacent to substrate Removal shall be protected from damage. Damages shall be repaired or replaced to original condition.

4. Substrates that are removed for Replacement shall be wrapped and stored for disposal. Disposal shall be in accordance with the applicable codes and sections of this Specification.

5. After Removal, the areas disturbed shall be cleaned and a Clearance Inspection performed in accordance with the procedures described in this Specification.

D. Abrasive Removers – Machine Sanders:

1. Machine sanders shall be furnished with a HEPA Vacuum system approved by the manufacturer.

2. Sanding shall only be performed on flat surfaces that allow the HEPA Vacuum dust collection attachment to come into tight contact with the surface being sanded.

3. Remove Lead Based Paint down to the bare substrate surface. If the pigment cannot be removed without damaging the substrate, submit a Request for Clarification to the Owner Consultant.

4. Protect adjacent surfaces from damage from machine sanding. Repair and/or replace all damaged surfaces.

E. Chemical Removal-On-Site Chemical Removal:

1. No chemical Removal shall be performed on interior surfaces unless specifically called for and designed in the Specifications or the Abatement plan of the Project.

2. Owner approved chemical removers shall be compatible with and harmless to the substrate. On masonry surfaces chemical removers shall contain anti-stain formulation that inhibits discoloration.

3. Chemical Removal Agent Neutralizer: Use chemical Removal agent neutralizers on exterior surfaces only. Neutralizers shall be compatible with and not harmful to the substrate. Neutralizers shall be compatible with the Removal agent that has been applied to the surface substrate.

4. Apply chemical Removal agents and neutralizers in accordance with the recommendations of the manufacturer and the following:

   a. Adhere to all health and safety regulations and other Specification section requirements. Stripping agents shall not be allowed to penetrate wood or other fibrous substrates.

   b. Remove the softened paint by scraping or wire brushing.

   c. Protect adjacent areas from damage from Removal agent during the course of Work.

F. Chemical Removal – Off-Site Chemical Removal – Structures of Historical Significance Only:

1. Remove and transport Lead Based Painted Component in accordance with this Specification. Transport the Component to an off-site location. Remove Lead Based Paint by chemical Removal. Neutralize and clean the Component. Return Component to the Project site free of lead-containing materials and reinstall.

2. Take extreme care in removing Component to be taken off-site, to prevent damage. In addition:

   a. Component shall be marked and identified using an inconspicuous engraving, to insure reinstallation in original location.

   b. Hardware associated with a Component shall be bagged and marked.

   c. If required, hardware shall be chemically stripped, cleaned, or reconditioned.

   d. Dispose of hazardous waste generated by the off-site stripping of Lead Based Paint as required by federal, state, and local regulations.

   e. Do not transport hazardous waste to Owner properties and/or facilities.

f. Protect the Component and the adjacent areas from which Component are removed from damage by the Removal and reinstallation procedures.

G. Water Jet Washing:

1. Use to remove Lead Based Paint from exterior masonry substrate.

2. If this procedure is selected, submit a Work plan to the Owner Consultant which includes, but is not limited to, interim controls, paint stabilization, and capture of waste water.

H. Encapsulation – Interior and Exterior - Coated Sealer System:

1. Materials: - Elastic acrylic coating shall be heavy bodied and warranted by the manufacturer to be compatible with the substrate. Elastic acrylic coating shall be long lasting and resist cracking, peeling, algae, and fungus.

2. Submittal: Submit two Samples, 5-1/2" x 8," of the Encapsulation material to the Owner Consultant.

3. Encapsulation coatings shall be applied in accordance with the manufacturer's recommendations and the following conditions:

a. Remove surface dust and debris by scrubbing with a non-residue detergent solution, and rinsing. Remove loose paint until a sound, intact edge is achieved. Remove and replace loose plaster prior to the coating application. Proper safety procedures and lead dust control method in this Specification must be utilized.

b. Apply Encapsulation coatings to the substrate in a continuous coat to seal the surface being coated. The number of coats required and coverage rates shall be in accordance with the manufacturer's recommendations.

c. Repair all materials that lift and peel after the application of the Encapsulation coating by scraping until a sound surface is obtained. The edges shall be feathered, and a reapplication of an Encapsulation coating shall be applied.

d. Remove, or cover as directed, existing fixtures located on surface to be coated, including but not limited to, electrical receptacles, switches, exhaust fans, and hardware.

e. Protect adjacent surfaces and existing fixtures from damage by coating system. Damages to adjacent surfaces and existing fixtures due to lack of protection or improperly applied protection shall be repaired and/or replaced.

I. Encapsulation – Interior and Exterior - Flexible Wall Covering:

1. Materials: Wall covering shall be a reinforced fiber type that forms a secure bond with the substrate, resistant to peeling and formation of mold. The wall covering system shall form a seal over the substrate to which it is applied and not allow the passage of substrate dust into the environment.

2. Submittal: Prior to the start of Work, submit to the Owner Consultant for approval, manufacturer's descriptive literature, and two (2) 5-1/2 inch by 8 inch Samples of each wall covering system.

3. Install Encapsulation covering in accordance with manufacturer's installation instructions and the following provisions:

a. Remove foreign material by washing surfaces with a detergent solution. Remove loose plaster, loose paint, and loose wallpaper. Utilize dust control methods described in this Specification.

b. Repair larger damaged areas flush with surrounding wall surfaces prior to installation of wall covering system.

J. Enclosure Procedures - Gypsum Wallboard (interior surfaces only), plywood paneling, other enclosures of exterior substrate:

1. Surface preparation: Remove foreign material by wash-down with a non-residue detergent solution. Remove loose plaster, loose paint, and loose wallpaper in accordance with this Specification to stabilize the painted surfaces.

2. Affix warning labels stating surface contains "LEAD-BASED PAINT" to the surface prior to being enclosed. Labels shall be 3" x 5" and placed four (4) foot apart at approximately five foot high on the surface being enclosed.

3. Install selected enclosure material in accordance with the relevant section of the Specification. Any disturbance to Lead Based Paint in the execution of this section shall comply with the Lead Related Construction Work section of this Specification.

K. SOIL ABATEMENT

1. Surface Contamination:

   a. Remove Lead Contaminated Soil from the location(s) and to a depth specified in the scope of Work.

   b. In the absence of a specified depth of soil Removal identified in the scope of Work, submit, prior to the bid, a Request for Clarification regarding the quantity of soil to be removed.

   c. Submit a written soil Abatement plan prior to initiation of the Project.

   d. No soil Abatement shall proceed until the Work plan has written approval by the Owner Consultant.

   e. Refer to the waste handling and transportation section of this Specification for the handling, characterization, and disposal of waste.

L. ALTERNATE PROCEDURES

1. If specified procedures cannot be utilized, a request must be made in writing to the Owner Consultant establishing details of the problem encountered and recommended alternatives.

2. Alternate procedures shall provide equivalent or greater protection than procedures that they replace.

3. Prior to implementation, all alternative procedures shall be submitted and approved in writing by the Owner Consultant.

M. CLEAN-UP PROCEDURES

1. During the entire process of the Work of this section, perform continuous cleaning of all debris generated using wet methods and/or HEPA filtered vacuuming.

2. At the completion of the Work of this section, clean all surfaces within the impacted Work Area, including but not limited to, all tools, equipment, and polyethylene sheeting to remove visible debris from the Work Area.

3. All tools and equipment utilized in the Work Area shall be thoroughly cleaned. All non-electrical tools and equipment shall be cleaned monthly and before Removal from the Work Area by HEPA vacuuming and washing using a lead specific detergent or other suitable cleaning agent.

4. Electrical tools and equipment shall be HEPA vacuumed and cleaned by wet wiping limiting the amount of water used to avoid electrical hazards.

5. Remove polyethylene sheeting, except for critical barriers, by folding it into itself beginning with the higher level polyethylene first.

6. Following Removal of polyethylene sheeting a final cleaning of all surfaces in the Abatement workspace shall be performed by HEPA vacuuming, wet wiping, and a final HEPA vacuuming.

7. When HEPA vacuums are utilized, vacuuming shall be performed from the top down and from the area of impact to the outer edge of the polyethylene sheeting.

8. Apply no less than one continuous coat of approved paint or primer to all abated surfaces, where applicable.

9. At the completion of the final clean up, the DPH certified supervisor shall inspect the Work Area for visible debris. If debris is identified, repeat the final cleaning process.

10. Wet wiping, washing, and cleaning required by this section shall include the Removal of all visible debris by cleaning with a lead specific detergent or other suitable cleaning agent in clean water followed by a rinsing with clean water and clean rags, following the same sequence of cleaning as the vacuuming.

11. Refer to the waste handling and transportation section of this Specification for disposal of waste generated by this process.

3.03 WASTE HANDLING AND TRANSPORTATION

A. Characterization of Waste:

1. Until analytical results are available, all waste materials (including water) shall be treated as hazardous.

2. Characterize all waste streams as follows:

a. Collect a representative sample of the waste material.

b. For a pile of waste take one sample of a proportionate combination of Component in the pile. If a large quantity of waste is generated no less than four samples may be required.

c. For large wood Component, such as windows, doors, etc., a representative sample of each Component of similar characteristics, paint history, etc., shall be collected and tested. A full depth core sample, not less than one (1) inch diameter, of the Component is to be collected. The core sample shall include the substrate and paint coatings on both sides of the Component, as applicable.

3. Analysis for the waste characterization samples shall be performed as follows:

a. Waste generated by chemical stripping shall, in addition to the requirements for determining the solid and soluble lead concentrations, shall be tested for corrosiveness and other contaminants, as applicable, resulting from the chemical stripping process.

b. Analyze samples for Total Threshold Limit Concentration (TTLC):

1) If results are less than 50 mg/kg (milligrams/kilogram) the waste is not hazardous and shall be disposed as general construction waste.

2) If sample results are 50 mg/kg or greater, the waste shall be tested for Soluble Threshold Limit Concentration (STLC).

c. Where waste is required to be tested for STLC the following shall apply:

1) If the STLC results is less than 5 mg/L (milligrams/liter) the material shall be disposed at a Class II waste landfill. Evidence of such results of the STLC testing will be required by the landfill before waste is accepted. No further testing is required.

2) If the STLC results are 5 mg/L or greater, the waste is a California regulated waste and the material shall be tested using the federally mandated Toxicity Characterization Leaching Procedure (TCLP).

d. Where waste is required to be tested by TCLP the following shall apply:

1) If the TCLP is less than 5 mg/L, the waste is a California regulated hazardous solid waste (non-RCRA). This

material shall be disposed in a Class I hazardous waste landfill.

2) If the TCLP is equal to or greater than 5 mg/L, the waste is a federally regulated hazardous waste solid (RCRA). The waste shall then be disposed in a Class I hazardous waste landfill.

e. Personal and commercial wash water with lead contamination shall be handled as follows:

1) Filter the waste water through cheesecloth, or other similar filtering media, to remove the gross debris. Separate the waste streams and characterize these in compliance with this Specification.

2) If the waste water is identified as a RCRA or California regulated hazardous waste (Non-RCRA) by STLC and TCLP, filter the waste water by power pumping it through a 20 micron pore size filter. The filtered water shall be tested as described for waste in this Specification.

3) If test results categorize the filtered water as non-hazardous, it may be disposed of in the sewer system.

4) Wastewater, filtered or otherwise, shall not be discharged in storm drains, gutters or allowed to sheet flow over the surface of the ground.

B. Waste Handling:

1. All waste, hazardous and non-hazardous, shall be disposed of at an authorized site in accordance with all provisions of this Specification and applicable Federal, State, and local laws.

2. Any waste determined to be hazardous, through analytical testing, shall be kept in a secured area or lockable container that is inaccessible to all persons other than authorized personnel working on the Project. All hazardous waste containers shall be labeled “Hazardous-Waste – Contains Lead” and labeled with the date waste collection commenced.

3. Hazardous waste shall not remain on the Project site beyond 90 days of the date it was generated. It shall be removed from the Project site and transported to an approved landfill before the 90 days has elapsed.

4. Once hazardous waste is removed from the Project site, ensure it is

disposed of in an approved landfill within 6 days. The waste shall not be transported to another site for commingling of waste from a source other than the site of original generation. This requirement shall be documented by the proper execution of a Uniform Hazardous Waste Manifest signed by the landfill operator.

5. All hazardous and non-hazardous waste shall be kept in different containers and stored in separate locations. Commingling of waste is not permitted.

6. As the Work progresses, to prevent exceeding available storage capacity on the Project site, sealed and labeled containers of lead waste shall be removed and transported to the prearranged disposal location.

7. Containers used for hazardous waste shall meet the requirements of EPA and DOT for hazardous waste storage and transport. At a minimum, disposal packaging of Lead Based Paint fragments, dust, and debris shall be in 6-mil polyethylene (plastic) bags that are airtight and puncture resistant.

8. Any debris or residue observed on containers or surfaces outside of the Work Area resulting from clean up or disposal activities shall immediately be cleaned using HEPA filtered vacuum equipment and/or wet methods as appropriate.

9. Materials not contained in bags or other appropriate disposal containers shall not be placed in lead waste storage containers, nor shall storage containers be used for non-lead waste. To avoid damage, all packaged waste shall be placed, not thrown, into the storage containers.

10. Lead Contaminated Soil shall be transported in plastic lined containers.

C. Transportation of Non-Hazardous Waste:

1. All receipts from the disposal facility, trip tickets, transportation manifests, weight certificates or other documentation of disposal shall be delivered to the Owner Consultant within 48 hours of disposal. The waste manifest shall be signed by the generator, the transporter(s), and the disposal site operator each time the responsibility for the waste material is transferred. If a separate hauler is employed, the name, address, and signature of the transporter shall also appear on the manifest.

D. Transportation of Hazardous Waste:

1. All hazardous waste shall be transported by a RCRA/DOT/EPA certified hazardous waste transporter. Provide evidence that the hazardous waste transporter meets the requirements of this Specification.

2. The Work of this section includes responsibility for all actions of the hazardous waste transporter as it pertains to waste Removal and disposal related to the Work of this Specification.

3. Identify the facility to which the waste generated by this Specification will be taken. Evidence shall be provided verifying the facility is licensed/permitted to receive and handle non-hazardous lead containing waste and/or hazardous lead containing waste as applicable.

4. All waste disposed as hazardous shall be transported under a Uniform Hazardous Waste Manifest. The generator copy of this manifest shall be submitted to the Owner Consultant within five (5) days of transport.

5. All dump receipts, trip tickets, transportation manifests, weight certificates or other documentation of disposal shall be delivered to the Owner Consultant within 48 hours of disposal. The Uniform Hazardous Waste Manifest shall be signed by the generator (or designee), the transporter(s), and the disposal site operator each time the responsibility for the waste material is transferred. If a separate hauler is employed, the name, address, U.S.E.P.A. ID number and signature of the transporter shall also appear on the manifest.

6. The enclosed cargo area of trucks or containers shall be free of debris and lined with 6-mil polyethylene sheeting to prevent contamination from leaking or spilled containers. Floor sheeting shall be installed first and extend up the walls. Wall sheeting shall be overlapped and taped into place.

7. During transport, drums and other containers shall be placed on level surfaces in the cargo area and packed tightly together to prevent shifting and tipping. Large structural Component shall be secured to prevent shifting and bags placed on top.

3.04 MONITORING

A. Project Management and Inspection:

1. Owner has the right to perform air, wipe, and visual monitoring at any time.

2. Owner shall proceed in accordance with the terms and conditions of the Contract Documents whenever the Work or protective measures are not in

compliance with applicable governmental regulations, Contract requirements, and/or threatens the adjoining environment with lead contamination.

3. Where exposure monitoring indicates exposure is at or above the P.E.L., comply with Title 8, CCR Section 1532.1 (e) through (n).

B. Employee – Personal Air Monitoring:

1. Provide air monitoring as required by Title 8 CCR, Section 1532.1. Results shall be provided within ten working days of sampling. If the intent is to utilize such as exposure assessment documentation, and Work is to commence earlier than ten working days, submit results 24 hours in advance of the start of Work.

C. Clearance Inspection:

1. Clearance Inspection for Lead Related Construction Work shall include:

a. A visual inspection of the Work Area by the Owner Consultant prior to occupancy for normal activity.

b. Do not remove barriers designating a regulated Work Area until a written release from the Owner Consultant is provided.

c. The Owner Consultant has the right to collect wipe samples as part of the Clearance Inspection.

2. Clearance Inspection for Abatement shall include:

a. A visual inspection of the Work Area by the Owner Consultant prior to collection of environmental samples (dust, wipe, and/or soil samples, as applicable).

b. Owner Consultant shall collect environmental samples.

c. Results of samples shall comply with Title 17, CCR before the Work Area is released for normal occupancy.

d. Where samples fail to meet regulated clearance levels of Title 17, CCR, clean the Work Area as required for final cleaning in the Clean Up Procedures section of this Specification.

e. Following cleaning, the visual inspection and environmental sampling will be repeated as described above. This process shall continue until the clearance level of Title 17, CCR is provided. Should it be determined by

the Owner Consultant that additional clean up is necessary the contractor will be responsible for any additional costs associated.

3.05 RE-ESTABLISHMENT OF THE WORK AREA AND SYSTEMS

A. Re-establishment of the Work Area shall only occur following the completion of clean-up procedures and after a Clearance Inspection has been performed and documented to the satisfaction of the Owner Consultant.

B. Re-secure Moveable Objects removed from their former positions during area preparation activities.

C. Relocate Moveable Objects that were removed to temporary locations back to their original positions.

C. Reestablish HVAC, mechanical and electrical systems to the condition prior to commencement of the Project.

E. Repair all areas of damage that occurred as a result of Abatement or Lead Related Construction Work.

3.06 PROJECT COMPLETION DOCUMENTATION

A. Provide to the Owner Consultant all of the following close-out documentation:

1. Filter change logs for all air filtration units, water filtration units and respirators

2. Foreman's daily job reports

3. Employee entry/exit logs for all Work Areas

4. Visitor entry/exit logs for all Work Area

5. Air sample results for personnel

6. Copies of all hazardous and non-hazardous waste manifest

7. All hazardous waste weight tickets

8. Analytical data and chain of custody for waste characterization

9. All signed Daily Personnel Report Forms

B. Provide Owner Consultant with as-built drawings identifying surfaces where Lead Based Paint has been encapsulated or enclosed.

END OF SECTION

**ATTACHMENT A**

**Scope of Work for LEAD Abatement**

**Eastwood Elementary School**

| | |
|---|---|
| **Project**: Eastwood Elementary School | **Date**: August 21, 2023 |
| **Address**: 13552 University Avenue, Westminster, California 92683 | |

The work covered by this scope of work includes the removal of painted material in accordance with the attached Specifications for Lead Abatement and applicable federal, state, and local regulations as they apply to the above-referenced site. This scope of work includes the above-referenced specifications and cannot be used separately. In case of conflict between this scope of work and the attached specifications, the specifications shall prevail.

A copy of this Scope of Work is to be posted on-site during the abatement work.

## I. Summary of Work

Perform removal of lead-based painted materials in all areas impacted by the upcoming renovation project.

## II. Submittals

**Pre-job Submittals (as designated)**

| | |
|---|---|
| X | Copy of current state contractor licensing board license |
| X | Copies of current California Department of Public Health lead worker/supervisor and training certificates |
| X | Abatement work schedule |
| X | Copies of worker's annual medical exam including respirator approval and worker's blood lead test within the past year |
| X | Copies of worker's 12-month respirator fit-test records |
| X | Material safety data sheets (MSDS) for all chemicals to be used |
| X | Emergency phone and pager numbers |

**Periodic Submittals (as applicable)**

| | |
|---|---|
| X | Personal Air Monitoring Results |
| X | Updated worker documentation (as needed) |
| X | Work area access logs (daily) |

**Project Completion Submittals (within two weeks of project completion)**

| | |
|---|---|
| X | Certificate of Completion |
| X | Disposal information |
| X | Copies of completed waste manifests (if any) |
| X | Waste profile data (TTLC, TCLP, WET), as applicable. |
| X | Personal air sampling results |

## III Schedule

| |
|---|
| **Start Date:** To be Announced |
| **End Date:** To be Announced |
| **Time Frame:** To be Announced |

## IV Project Contacts

| Company | Name | Phone Number |
|---|---|---|
| Westminster School District | Brian Johnson | (714) 264-4036 |
| Patriot Environmental Laboratory Services, Inc. | Fernando Najera | (714) 899-8900 |

## V Site Access

Arrange site access with the school district at project commencement.

## VI Special Conditions

Adequate staffing and equipment must be dedicated to these projects to ensure completion of removal work in accordance with the project schedule. It is anticipated that dust control will be necessary, in order to prevent the release of lead dust.

## VII Scope of Work

### Lead Abatement

| | |
|---|---|
| **Area 1:** | Building A+B |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | White Metal Window Sash |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Classroom A3 |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 2:** | Building A+B |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Blue Ceramic Wall |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Building A+B Exterior |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 3:** | Admin Building |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Grey Wood Wall |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Admin Building Exterior |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 4:** | Building C+D |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Blue Metal Window Sash |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Classroom C1 |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 5:** | Building C+D |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | White Wood Window Sill |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Classrooms C3 |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 6:** | Building C+D |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | White Metal Window Sash |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Classrooms C2-C4 and D1-D4 |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 7:** | Building C+D |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | White Ceramic Windowsill |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Classrooms C1, C2, C4 and D1, D3 |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 8:** | Building C+D |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | White Metal Window Sill |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Building C + D Classroom D2, D4 |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 9:** | Building C+D |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | White Ceramic Wall |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Boy's and Girl's Restrooms |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 10:** | Building C+D |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Grey Metal Door Jamb |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Classroom D3 |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

## VIII Monitoring and Clearance Requirements

| Area | Inspection | Clearance Type and Number |
|---|---|---|
| 1 - 10 | Visual | 3-5 dust wipe samples per work area |

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1041 S. Placentia Avenue, Fullerton, CA 92831

PATRIOT
Environmental Laboratory Services, Inc.

**September 26, 2023**

Brian Johnson
**Westminster School District**
14121 Cedarwood Avenue
Westminster, CA 92683

Re: **Limited Lead-based Paint Survey**
Eastwood Elementary School
13552 University Avenue
Westminster, CA 92683

Project No: OC164903

Dear Mr. Johnson,

On August 22, 2023, California DPH Certified Lead Sampling Technician, Mr. Dylan Manning (LRC-00003395) of Patriot Environmental Laboratory Services, Inc. (Patriot) performed a limited lead-based paint (LBP) survey at the above subject property located in Westminster, California. **The purpose of this survey is to identify and assess the Lead-Based Paint (LBP) present at the subject property that will be impacted by a renovation project, for the purpose of complying with the EPA's Renovation Repair and Painting Rule.**

**Site Description**

The subject property is a school structure. The subject buildings are single-story wood frame buildings set on a cement slab foundations.

**Scope of Work**

Mr. Dylan Manning (LRC-00003395) of Patriot conducted a limited lead-based paint survey at the subject property. The scope of work for the project, was to perform a limited LBP investigation to identify the LBP present on the interior and exterior painted/coated components and surfaces at the subject property. Suspect LBP was identified based on a walk-through of the interior and exterior of the buildings.

**Methodology**

A hand-held Heuresis Pb200i x-ray fluorescence (XRF) unit (Serial #2933) was used to determine the presence of lead in painted components and surfaces throughout the interior and exterior areas of the subject structures. This XRF unit utilizes a 5 mCi Cobalt$^{57}$ source dated 2/9/21. Readings were collected from representative interior and exterior building components and surfaces.

According to the HUD Guidelines, the definition of a LBP is any paint, varnish, lacquer, putty, plaster, or similar coating material, which contains lead or its compounds equal to or in excess of 1.0 mg/cm$^2$ when measured by a lead detecting instrument or 5,000 parts per million (ppm) by dry weight or more of lead.

All necessary areas of the buildings inspected were accessible to Patriot's representative at the time of this inspection.

**Summary of Findings**

A total of 196 XRF readings, including calibration readings, were collected by Patriot during the LBP survey conducted at the subject property. **Lead-based paint at concentrations equal to or greater than 1.0 mg/cm$^2$ were identified in the XRF readings from the various representative painted structural components and surfaces tested throughout the subject structures.**

The location of the identified lead-based paints in the **interior and exterior** of the site structures by XRF includes the following:

- White Metal Window Sash in Building A + B Classroom A3
- Blue Ceramic Wall at Building A + B Exterior.
- Grey Wood Wall at Admin Building Exterior.
- Blue Metal Window Sash at Building C + D Classrooms C1.
- White Wood Window Sill at Building C +D Classroom C3.
- White Metal Window Sash at Building C + D Classrooms C2-C4 and D1-D4.
- White Ceramic Windowsill at Building C + D Classrooms C1, C2, C4 and D1, D3.
- White Metal Window Sill at Building C + D Classrooms D2, D4
- White Ceramic Wall in Building C + D Boy's Restroom.
- White Ceramic Wall in Building C + D Girl's Restroom.
- Grey Metal Door Jamb in Building C + D Classroom D3

**Recommendations**

The results from this inspection should be provided to any individuals that may disturb the painted components and surfaces. Lead levels below the HUD/RRP threshold criteria may exist on painted surfaces throughout the subject property, therefore other lead regulations may apply.

**Title X Requirements**

A copy of this report must be provided to new lessees (tenants) and purchasers of this property under Federal law (24 CFR part 35 and 40 CFR part 745) before they become obligated under a lease or sales contract. The complete report must also be provided to new purchasers and it must be made available to new tenants. Landlords (lessors) and sellers are also required to distribute an educational pamphlet approved by the U.S. Environmental Protection Agency and include standard warning language in their leases or sales contracts to ensure that parents have the information they need to protect their children from lead-based paint hazards. This report should be maintained and updated as a permanent maintenance record for this property.

The lead-paint determination survey described herein was conducted by the undersigned of Patriot Environmental Laboratory Services, Inc. The investigation consisted solely of the activities described in the introduction to this report.

Reviewed by:

09/26/2023

Zach Levin — Date
California DPH Certified LBP Inspector/ Risk Assessor #LRC-00002458

Attachments: 1) XRF Survey Data
2) Site Plan
3) Certifications
4) DPH 8552 Form

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PATRIOT
Environmental Laboratory Services, Inc.

Valued Customer,

Please find attached lead results for your project. For your convenience the following regulatory information is provided.

Through the **EPA**[1], the RRP (Renovation, Repair, and Painting Rule) defines lead based paint as any paint, varnish, lacquer, putty, plaster, or similar coating material which contains lead or its compounds equal to or greater than 5,000 parts per million (ppm) by dry weight, 1.0mg/cm² by XRF, or 0.5% by weight.

**Note:**

- **5,000 ppm or greater – requires "lead abatement" as defined by the EPA**
- **1 ppm – 4,999 ppm – "lead abatement" as defined by the EPA, NOT required (follow Cal/OSHA rules for worker protection)**
- **0 ppm – no protection required.**

**OSHA**[2] regulates any and all levels of lead in paint when that paint is disturbed and exposed to the employee above the action level of 30 micrograms per square meter of air.

The attached data should be provided to any contactor or individual that may disturb painted surfaces with any amount of lead at your project.

If you have any questions regarding your results do not hesitate to contact the Field Department at 714-899-8900. We will be more than happy to assist you with any inquiries you may have regarding this project.

Regards,

**The Field Department**
tel 714-899-8900 | free 888-743-0998 | fax 714-899-7098 |
fieldservices@patriotlab.com

1 "Renovation, Repair and Painting (RRP)." *Lead in Paint, Dust, and Soil*. 4 April 2011. 12 April 2011. www.epa.gov/lead/pubs/renovation.htm.
2 "Title 8 California Code of Regulations." *Cal/OSHA Construction Safety Orders, Lead Section 1532.1*. 6 March 2007. 18 April 2011. www.cdph.ca.gov/programs/olppp/Documents/lic.pdf.

# XRF Analysis Data

PATRIOT Environmental Laboratory Services, Inc.

To: Brian Johnson
Westminster School District
14121 Cedarwood Avenue
Westminster, CA 92683
PO No: T6000780

Serial # Pb200I-2933
Site: 13552 University Avenue
Westminster, CA 92683
Date: 8/22/2023

| Reading No | COMPONENT | SUBSTRATE | SIDE | CONDITION | COLOR | Building | ROOM | Results | mgcm2 | Action Level | Nom Secs | 3 SD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Calibration - Front | | | | | | | Positive | 1.3 | 1 | 5 | 0.2 |
| 2 | Calibration - Front | | | | | | | Positive | 1.2 | 1 | 5 | 0.2 |
| 3 | Calibration - Front | | | | | | | Positive | 1.1 | 1 | 5 | 0.2 |
| 4 | Wall | Plaster | A | Intact | White | Building A + B | Classroom A1 | Negative | 0.2 | 1 | 2 | 0.4 |
| 5 | Wall | Plaster | B | Intact | Blue | Building A + B | Classroom A1 | Negative | 0.1 | 1 | 2 | 0.4 |
| 6 | Wall | Concrete | C | Intact | White | Building A + B | Classroom A1 | Negative | 0.1 | 1 | 2 | 0.4 |
| 7 | Wall | Plaster | D | Intact | White | Building A + B | Classroom A1 | Negative | 0.2 | 1 | 2 | 0.4 |
| 8 | Door | Wood | A | Intact | Blue | Building A + B | Classroom A1 | Negative | 0.2 | 1 | 2 | 0.4 |
| 9 | Door Jamb | Metal | A | Intact | Blue | Building A + B | Classroom A1 | Negative | 0.6 | 1 | 5 | 0.3 |
| 10 | Window Sash | Metal | A | Intact | White | Building A + B | Classroom A1 | Negative | 0.8 | 1 | 5 | 0.2 |
| 11 | Wall | Plaster | A | Intact | Blue | Building A + B | Classroom A2 | Negative | 0.2 | 1 | 2 | 0.4 |
| 12 | Wall | Plaster | B | Intact | Blue | Building A + B | Classroom A2 | Negative | 0.1 | 1 | 2 | 0.4 |
| 13 | Wall | Concrete | C | Intact | Blue | Building A + B | Classroom A2 | Negative | 0 | 1 | 2 | 0.4 |
| 14 | Wall | Plaster | D | Intact | Blue | Building A + B | Classroom A2 | Negative | 0.1 | 1 | 2 | 0.4 |
| 15 | Door | Wood | A | Intact | Blue | Building A + B | Classroom A2 | Negative | 0 | 1 | 2 | 0.4 |
| 16 | Door Jamb | Metal | A | Intact | Blue | Building A + B | Classroom A2 | Negative | 0.1 | 1 | 2 | 0.4 |
| 17 | Window Sash | Metal | A | Intact | White | Building A + B | Classroom A2 | Negative | 0.3 | 1 | 2 | 0.4 |
| 18 | Wall | Plaster | A | Intact | Blue | Building A + B | Classroom A3 | Negative | 0.6 | 1 | 4 | 0.3 |
| 19 | Wall | Plaster | B | Intact | Blue | Building A + B | Classroom A3 | Negative | 0.1 | 1 | 2 | 0.4 |
| 20 | Wall | Concrete | C | Intact | Blue | Building A + B | Classroom A3 | Negative | 0.4 | 1 | 2 | 0.4 |
| 21 | Wall | Plaster | D | Intact | Grey | Building A + B | Classroom A3 | Negative | 0.1 | 1 | 2 | 0.4 |
| 22 | Door | Wood | A | Intact | Blue | Building A + B | Classroom A3 | Negative | 0.2 | 1 | 2 | 0.4 |
| 23 | Door Jamb | Metal | A | Intact | Grey | Building A + B | Classroom A3 | Negative | 0 | 1 | 2 | 0.4 |
| **24** | **Window Sash** | **Metal** | **A** | **Intact** | **White** | **Building A + B** | **Classroom A3** | **Positive** | **1.7** | **1** | **2** | **0.4** |
| 25 | Wall | Plaster | A | Intact | Blue | Building A + B | Classroom A4 | Negative | 0 | 1 | 2 | 0.4 |
| 26 | Wall | Plaster | B | Intact | Blue | Building A + B | Classroom A4 | Negative | 0 | 1 | 2 | 0.4 |
| 27 | Wall | Concrete | C | Intact | Blue | Building A + B | Classroom A4 | Negative | 0.3 | 1 | 2 | 0.4 |
| 28 | Wall | Plaster | D | Intact | Blue | Building A + B | Classroom A4 | Negative | 0.3 | 1 | 2 | 0.4 |
| 29 | Wall | Wood | A | Intact | Blue | Building A + B | Classroom A4 | Negative | 0.2 | 1 | 2 | 0.4 |
| 30 | Door Jamb | Metal | A | Intact | Blue | Building A + B | Classroom A4 | Negative | 0.1 | 1 | 2 | 0.4 |
| 31 | Window Sash | Metal | A | Intact | Blue | Building A + B | Classroom A4 | Negative | 0.3 | 1 | 2 | 0.4 |
| 32 | Wall | Ceramic | A | Intact | Blue | Building A + B | Boy's Restroom | Negative | 0.4 | 1 | 2 | 0.4 |
| 33 | Wall | Ceramic | A | Intact | Grey | Building A + B | Boy's Restroom | Negative | 0.3 | 1 | 2 | 0.4 |

# XRF Analysis Data

| Reading No | COMPONENT | SUBSTRATE | SIDE | CONDITION | COLOR | Building | ROOM | Results | mgcm2 | Action Level | Nom Secs | 3 SD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 34 | Wall | Ceramic | A | Intact | Blue | Building A + B | Boy's Restroom | Negative | 0.5 | 1 | 3 | 0.3 |
| 35 | Wall | Plaster | A | Intact | Blue | Building A + B | Boy's Restroom | Negative | 0.3 | 1 | 2 | 0.4 |
| 36 | Door | Wood | A | Intact | Blue | Building A + B | Boy's Restroom | Negative | 0 | 1 | 2 | 0.4 |
| 37 | Door Jamb | Wood | A | Intact | Blue | Building A + B | Boy's Restroom | Negative | 0.2 | 1 | 2 | 0.4 |
| 38 | Wall | Plaster | A | Intact | Blue | Building A + B | Counselor's Office | Negative | 0.1 | 1 | 2 | 0.4 |
| 39 | Wall | Plaster | B | Intact | Blue | Building A + B | Counselor's Office | Negative | 0.3 | 1 | 2 | 0.4 |
| 40 | Wall | Plaster | C | Intact | Blue | Building A + B | Counselor's Office | Negative | 0 | 1 | 2 | 0.4 |
| 41 | Wall | Plaster | D | Intact | Blue | Building A + B | Counselor's Office | Negative | 0.1 | 1 | 2 | 0.4 |
| 42 | Door | Wood | A | Intact | Blue | Building A + B | Counselor's Office | Negative | 0.4 | 1 | 2 | 0.4 |
| 43 | Door Jamb | Metal | A | Intact | Blue | Building A + B | Counselor's Office | Negative | 0 | 1 | 2 | 0.4 |
| 44 | Wall | Plaster | A | Intact | Blue | Building A + B | Speech Room | Negative | 0.3 | 1 | 2 | 0.4 |
| 45 | Wall | Plaster | B | Intact | Grey | Building A + B | Speech Room | Negative | 0.3 | 1 | 2 | 0.4 |
| 46 | Wall | Plaster | C | Intact | Blue | Building A + B | Speech Room | Negative | 0.3 | 1 | 2 | 0.4 |
| 47 | Wall | Plaster | D | Intact | Blue | Building A + B | Speech Room | Negative | 0.3 | 1 | 2 | 0.4 |
| 48 | Door | Wood | A | Intact | Blue | Building A + B | Speech Room | Negative | 0.1 | 1 | 2 | 0.4 |
| 49 | Door Jamb | Metal | A | Intact | Blue | Building A + B | Speech Room | Negative | 0.2 | 1 | 2 | 0.4 |
| 50 | Wall | Ceramic | A | Intact | Blue | Building A + B | Girl's Restroom | Negative | 0.4 | 1 | 2 | 0.4 |
| 51 | Wall | Ceramic | A | Intact | Blue | Building A + B | Girl's Restroom | Negative | 0.4 | 1 | 2 | 0.4 |
| 52 | Wall | Ceramic | A | Intact | Blue | Building A + B | Girl's Restroom | Negative | 0.5 | 1 | 3 | 0.3 |
| 53 | Ceiling | Plaster | Ceiling | Intact | White | Building A + B | Girl's Restroom | Negative | 0.4 | 1 | 2 | 0.4 |
| 54 | Door | Wood | A | Intact | Grey | Building A + B | Girl's Restroom | Negative | 0.1 | 1 | 2 | 0.4 |
| 55 | Door Jamb | Metal | A | Intact | Blue | Building A + B | Girl's Restroom | Negative | 0.1 | 1 | 2 | 0.4 |
| 56 | Door | Plaster | A | Intact | Blue | Building A + B | Classroom B4 | Negative | 0.2 | 1 | 2 | 0.4 |
| 57 | Wall | Plaster | A | Intact | Blue | Building A + B | Classroom B4 | Negative | 0.1 | 1 | 2 | 0.4 |
| 58 | Wall | Plaster | C | Intact | Blue | Building A + B | Classroom B4 | Negative | 0.3 | 1 | 2 | 0.4 |
| 59 | Wall | Plaster | D | Intact | Blue | Building A + B | Classroom B4 | Negative | 0 | 1 | 2 | 0.4 |
| 60 | Door | Wood | A | Intact | Blue | Building A + B | Classroom B4 | Negative | 0.2 | 1 | 2 | 0.4 |
| 61 | Door Jamb | Metal | A | Intact | Blue | Building A + B | Classroom B4 | Negative | 0.5 | 1 | 3 | 0.3 |
| 62 | Window Sash | Metal | A | Intact | White | Building A + B | Classroom B4 | Negative | 0.3 | 1 | 2 | 0.4 |
| 63 | Wall | Plaster | A | Intact | Grey | Building A + B | Classroom B3 | Negative | 0.2 | 1 | 2 | 0.4 |
| 64 | Wall | Plaster | B | Intact | Grey | Building A + B | Classroom B3 | Negative | 0.1 | 1 | 2 | 0.4 |
| 65 | Wall | Plaster | C | Intact | Grey | Building A + B | Classroom B3 | Negative | 0.1 | 1 | 2 | 0.4 |
| 66 | Wall | Plaster | D | Intact | Blue | Building A + B | Classroom B3 | Negative | 0.2 | 1 | 2 | 0.4 |
| 67 | Door | Wood | A | Intact | Grey | Building A + B | Classroom B3 | Negative | 0.1 | 1 | 2 | 0.4 |
| 68 | Door Jamb | Metal | A | Intact | Blue | Building A + B | Classroom B3 | Negative | 0.6 | 1 | 4 | 0.3 |
| 69 | Window Sash | Metal | A | Intact | White | Building A + B | Classroom B3 | Negative | 0.2 | 1 | 2 | 0.4 |
| 70 | Wall | Plaster | A | Intact | Blue | Building A + B | Classroom B2 | Negative | 0.2 | 1 | 2 | 0.4 |
| 71 | Wall | Plaster | B | Intact | Blue | Building A + B | Classroom B2 | Negative | 0 | 1 | 2 | 0.4 |

# XRF Analysis Data

| Reading No | COMPONENT | SUBSTRATE | SIDE | CONDITION | COLOR | Building | ROOM | Results | mgcm2 | Action Level | Nom Secs | 3 SD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72 | Wall | Plaster | C | Intact | Grey | Building A + B | Classroom B2 | Negative | 0.1 | 1 | 2 | 0.4 |
| 73 | Wall | Plaster | D | Intact | Grey | Building A + B | Classroom B2 | Negative | 0.1 | 1 | 2 | 0.4 |
| 74 | Door | Ceramic | A | Intact | Blue | Building A + B | Classroom B2 | Negative | 0.1 | 1 | 2 | 0.4 |
| 75 | Door Jamb | Metal | A | Intact | Blue | Building A + B | Classroom B2 | Negative | 0.6 | 1 | 5 | 0.3 |
| 76 | Window Sash | Metal | A | Intact | White | Building A + B | Classroom B2 | Negative | 0.4 | 1 | 2 | 0.4 |
| 77 | Wall | Plaster | A | Intact | Grey | Building A + B | Classroom B1 | Negative | 0.1 | 1 | 2 | 0.4 |
| 78 | Wall | Plaster | B | Intact | Blue | Building A + B | Classroom B1 | Negative | 0.2 | 1 | 2 | 0.4 |
| 79 | Wall | Plaster | C | Intact | Blue | Building A + B | Classroom B1 | Negative | 0 | 1 | 2 | 0.4 |
| 80 | Wall | Plaster | D | Intact | Blue | Building A + B | Classroom B1 | Negative | 0.1 | 1 | 2 | 0.4 |
| 81 | Door | Wood | A | Intact | Blue | Building A + B | Classroom B1 | Negative | 0.1 | 1 | 2 | 0.4 |
| 82 | Door Jamb | Metal | A | Intact | Blue | Building A + B | Classroom B1 | Negative | 0.5 | 1 | 3 | 0.3 |
| 83 | Window | Metal | A | Intact | White | Building A + B | Classroom B1 | Negative | 0.2 | 1 | 2 | 0.4 |
| 84 | Wall | Metal | A | Intact | White | Building A + B | Exterior | Negative | 0.1 | 1 | 2 | 0.4 |
| **85** | **Wall** | **Ceramic** | **D** | **Intact** | **Blue** | **Building A + B** | **Exterior** | **Positive** | **6.8** | **1** | **2** | **0.4** |
| 86 | Wall | Ceramic | A | Intact | Blue | Admin Building | Office | Negative | 0.2 | 1 | 2 | 0.4 |
| 87 | Wall | Plaster | B | Intact | Blue | Admin Building | Office | Negative | 0.1 | 1 | 2 | 0.4 |
| 88 | Wall | Plaster | A | Intact | Blue | Admin Building | Office | Negative | 0.1 | 1 | 2 | 0.4 |
| 89 | Door | Wood | A | Intact | Blue | Admin Building | Office | Negative | 0.2 | 1 | 2 | 0.4 |
| 90 | Door Jamb | Wood | A | Intact | Blue | Admin Building | Office | Negative | 0.2 | 1 | 2 | 0.4 |
| 91 | Wall | Plaster | A | Intact | Blue | Admin Building | Hallway | Negative | 0.2 | 1 | 2 | 0.4 |
| 92 | Wall | Plaster | B | Intact | Blue | Admin Building | Hallway | Negative | 0.1 | 1 | 2 | 0.4 |
| 93 | Wall | Plaster | C | Intact | Blue | Admin Building | Hallway | Negative | 0.2 | 1 | 2 | 0.4 |
| 94 | Door | Wood | C | Intact | Blue | Admin Building | Hallway | Negative | 0.1 | 1 | 2 | 0.4 |
| 95 | Door Jamb | Wood | C | Intact | Blue | Admin Building | Hallway | Negative | 0.4 | 1 | 2 | 0.4 |
| 96 | Wall | Ceramic | A | Intact | Blue | Admin Building | Restroom | Negative | 0.4 | 1 | 2 | 0.4 |
| 97 | Wall | Ceramic | A | Intact | Blue | Admin Building | Restroom | Negative | 0.3 | 1 | 2 | 0.4 |
| 98 | Wall | Ceramic | A | Intact | Grey | Admin Building | Restroom | Negative | 0.4 | 1 | 2 | 0.4 |
| 99 | Wall | Plaster | A | Intact | White | Admin Building | Restroom | Negative | 0.1 | 1 | 2 | 0.4 |
| 100 | Door | Wood | A | Intact | White | Admin Building | Restroom | Negative | 0.2 | 1 | 2 | 0.4 |
| 101 | Door Jamb | Metal | A | Intact | White | Admin Building | Restroom | Negative | 0 | 1 | 2 | 0.4 |
| 102 | Wall | Plaster | B | Intact | White | Admin Building | Reception | Negative | 0.5 | 1 | 3 | 0.3 |
| 103 | Wall | Plaster | C | Intact | White | Admin Building | Reception | Negative | 0.2 | 1 | 2 | 0.4 |
| 104 | Wall | Plaster | D | Intact | Grey | Admin Building | Reception | Negative | 0.1 | 1 | 2 | 0.4 |
| 105 | Door | Wood | D | Intact | Grey | Admin Building | Reception | Negative | 0 | 1 | 2 | 0.4 |
| 106 | Wall | Plaster | A | Intact | White | Admin Building | Office | Negative | 0.1 | 1 | 2 | 0.4 |
| 107 | Wall | Plaster | B | Intact | Blue | Admin Building | Office | Negative | 0.2 | 1 | 2 | 0.4 |
| 108 | Wall | Plaster | C | Intact | Blue | Admin Building | Office | Negative | 0.1 | 1 | 2 | 0.4 |
| 109 | Wall | Plaster | D | Intact | Blue | Admin Building | Office | Negative | 0.5 | 1 | 3 | 0.3 |

# XRF Analysis Data

| Reading No | COMPONENT | SUBSTRATE | SIDE | CONDITION | COLOR | Building | ROOM | Results | mgcm2 | Action Level | Nom Secs | 3 SD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 110 | Door | Wood | A | Intact | Blue | Admin Building | Office | Negative | 0.1 | 1 | 2 | 0.4 |
| 111 | Door Jamb | Wood | A | Intact | Grey | Admin Building | Office | Negative | 0.3 | 1 | 2 | 0.4 |
| 112 | Door Jamb | Wood | A | Intact | Grey | Admin Building | Storage Room | Negative | 0.2 | 1 | 2 | 0.4 |
| 113 | Door | Wood | A | Intact | Grey | Admin Building | Storage Room | Negative | 0.1 | 1 | 2 | 0.4 |
| 114 | Ceiling | Plaster | Ceiling | Intact | Blue | Admin Building | Storage Room | Negative | 0 | 1 | 2 | 0.4 |
| **115** | **Wall** | **Wood** | **D** | **Intact** | **Grey** | **Admin Building** | **Exterior** | **Positive** | **15.8** | **1** | **2** | **0.4** |
| 116 | Soffit | Stucco | A | Intact | White | Admin Building | Exterior | Negative | 0.4 | 1 | 2 | 0.4 |
| 117 | Wall | Plaster | B | Intact | Grey | Building C + D | Classroom C1 | Negative | 0.2 | 1 | 2 | 0.4 |
| 118 | Wall | Plaster | C | Intact | Blue | Building C + D | Classroom C1 | Negative | 0.1 | 1 | 2 | 0.4 |
| 119 | Wall | Plaster | D | Intact | White | Building C + D | Classroom C1 | Negative | 0.6 | 1 | 3 | 0.3 |
| 120 | Door | Wood | A | Intact | Blue | Building C + D | Classroom C1 | Negative | 0.2 | 1 | 2 | 0.4 |
| 121 | Door Jamb | Metal | A | Intact | Blue | Building C + D | Classroom C1 | Negative | 0.5 | 1 | 3 | 0.3 |
| **122** | **Window Sash** | **Metal** | **A** | **Intact** | **Blue** | **Building C + D** | **Classroom C1** | **Positive** | **6.1** | **1** | **2** | **0.4** |
| **123** | **Window Sill** | **Ceramic** | **A** | **Intact** | **White** | **Building C + D** | **Classroom C1** | **Positive** | **13.4** | **1** | **2** | **0.4** |
| 124 | Wall | Plaster | B | Intact | Grey | Building C + D | Classroom C2 | Negative | 0.1 | 1 | 2 | 0.4 |
| 125 | Wall | Plaster | C | Intact | Blue | Building C + D | Classroom C2 | Negative | 0.1 | 1 | 2 | 0.4 |
| 126 | Wall | Plaster | D | Intact | Grey | Building C + D | Classroom C2 | Negative | 0.1 | 1 | 2 | 0.4 |
| 127 | Door | Wood | A | Intact | Grey | Building C + D | Classroom C2 | Negative | 0.2 | 1 | 2 | 0.4 |
| 128 | Door Jamb | Metal | A | Intact | Grey | Building C + D | Classroom C2 | Negative | 0.5 | 1 | 2 | 0.4 |
| **129** | **Window Sash** | **Metal** | **A** | **Intact** | **White** | **Building C + D** | **Classroom C2** | **Positive** | **6.2** | **1** | **2** | **0.4** |
| **130** | **Window Sill** | **Ceramic** | **A** | **Intact** | **White** | **Building C + D** | **Classroom C2** | **Positive** | **13.9** | **1** | **2** | **0.4** |
| 131 | Wall | Ceramic | B | Intact | Grey | Building C + D | Classroom C3 | Negative | 0.2 | 1 | 2 | 0.4 |
| 132 | Wall | Ceramic | C | Intact | Blue | Building C + D | Classroom C3 | Negative | 0.2 | 1 | 2 | 0.4 |
| 133 | Wall | Ceramic | D | Intact | Blue | Building C + D | Classroom C3 | Negative | 0.6 | 1 | 4 | 0.3 |
| 134 | Door | Wood | A | Intact | Grey | Building C + D | Classroom C3 | Negative | 0.3 | 1 | 2 | 0.4 |
| 135 | Door Jamb | Metal | A | Intact | Blue | Building C + D | Classroom C3 | Negative | 0.4 | 1 | 2 | 0.4 |
| **136** | **Window Sash** | **Metal** | **A** | **Intact** | **White** | **Building C + D** | **Classroom C3** | **Positive** | **5.5** | **1** | **2** | **0.4** |
| **137** | **Window Sill** | **Wood** | **A** | **Intact** | **White** | **Building C + D** | **Classroom C3** | **Positive** | **12.7** | **1** | **2** | **0.4** |
| 138 | Wall | Plaster | A | Intact | Blue | Building C + D | Classroom C4 | Negative | 0.1 | 1 | 2 | 0.4 |
| 139 | Wall | Plaster | C | Intact | Grey | Building C + D | Classroom C4 | Negative | 0.5 | 1 | 3 | 0.3 |
| 140 | Wall | Plaster | D | Intact | Blue | Building C + D | Classroom C4 | Negative | 0.2 | 1 | 2 | 0.4 |
| 141 | Wall | Plaster | A | Intact | Blue | Building C + D | Classroom C4 | Negative | 0.4 | 1 | 2 | 0.4 |
| 142 | Door | Wood | A | Intact | Blue | Building C + D | Classroom C4 | Negative | 0.2 | 1 | 2 | 0.4 |
| 143 | Door Jamb | Metal | A | Intact | Blue | Building C + D | Classroom C4 | Negative | 0.6 | 1 | 3 | 0.3 |
| **144** | **Window Sash** | **Metal** | **A** | **Intact** | **White** | **Building C + D** | **Classroom C4** | **Positive** | **5.8** | **1** | **2** | **0.4** |
| **145** | **Window Sill** | **Ceramic** | **A** | **Intact** | **White** | **Building C + D** | **Classroom C4** | **Positive** | **10.3** | **1** | **2** | **0.4** |
| 146 | Wall | Ceramic | A | Intact | White | Building C + D | Boy's Restroom | Negative | 0.4 | 1 | 2 | 0.4 |
| **147** | **Wall** | **Ceramic** | **A** | **Intact** | **White** | **Building C + D** | **Boy's Restroom** | **Positive** | **11.6** | **1** | **2** | **0.4** |

# XRF Analysis Data

| Reading No | COMPONENT | SUBSTRATE | SIDE | CONDITION | COLOR | Building | ROOM | Results | mgcm2 | Action Level | Nom Secs | 3 SD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 148 | Wall | Ceramic | B | Intact | White | Building C + D | Boy's Restroom | Negative | 0.3 | 1 | 2 | 0.4 |
| 149 | Wall | Plaster | C | Intact | White | Building C + D | Boy's Restroom | Negative | 0.4 | 1 | 2 | 0.4 |
| 150 | Door | Wood | A | Intact | White | Building C + D | Boy's Restroom | Negative | 0.1 | 1 | 2 | 0.4 |
| 151 | Door | Metal | A | Intact | White | Building C + D | Boy's Restroom | Negative | 0.1 | 1 | 2 | 0.4 |
| 152 | Wall | Plaster | A | Intact | Blue | Building C + D | Utility Closet | Negative | 0.3 | 1 | 2 | 0.4 |
| 153 | Wall | Plaster | B | Intact | Grey | Building C + D | Utility Closet | Negative | 0.2 | 1 | 2 | 0.4 |
| 154 | Wall | Plaster | C | Intact | Grey | Building C + D | Utility Closet | Negative | 0 | 1 | 2 | 0.4 |
| 155 | Ceiling | Plaster | Ceiling | Intact | Grey | Building C + D | Utility Closet | Negative | 0.3 | 1 | 2 | 0.4 |
| 156 | Door | Wood | A | Intact | Blue | Building C + D | Utility Closet | Negative | 0 | 1 | 2 | 0.4 |
| 157 | Door | Metal | A | Intact | Blue | Building C + D | Utility Closet | Negative | 0 | 1 | 2 | 0.4 |
| **158** | **Wall** | **Ceramic** | **A** | **Intact** | **White** | **Building C + D** | **Girl's Restroom** | **Positive** | **14.6** | **1** | **2** | **0.4** |
| 159 | Wall | Ceramic | A | Intact | White | Building C + D | Girl's Restroom | Negative | 0.3 | 1 | 2 | 0.4 |
| 160 | Wall | Ceramic | A | Intact | White | Building C + D | Girl's Restroom | Negative | 0.1 | 1 | 2 | 0.4 |
| 161 | Wall | Plaster | A | Intact | White | Building C + D | Girl's Restroom | Negative | 0.3 | 1 | 2 | 0.4 |
| 162 | Door | Wood | A | Intact | White | Building C + D | Girl's Restroom | Negative | 0.1 | 1 | 2 | 0.4 |
| 163 | Door | Metal | A | Intact | Blue | Building C + D | Girl's Restroom | Negative | 0 | 1 | 2 | 0.4 |
| 164 | Wall | Plaster | A | Intact | Blue | Building C + D | Classroom D4 | Negative | 0.1 | 1 | 2 | 0.4 |
| 165 | Wall | Plaster | C | Intact | Blue | Building C + D | Classroom D4 | Negative | 0.1 | 1 | 2 | 0.4 |
| 166 | Wall | Plaster | D | Intact | Blue | Building C + D | Classroom D4 | Negative | 0.1 | 1 | 2 | 0.4 |
| 167 | Wall | Plaster | A | Intact | Blue | Building C + D | Classroom D4 | Negative | 0.3 | 1 | 2 | 0.4 |
| 168 | Door | Wood | A | Intact | Blue | Building C + D | Classroom D4 | Negative | 0.5 | 1 | 3 | 0.3 |
| 169 | Door Jamb | Metal | A | Intact | Grey | Building C + D | Classroom D4 | Negative | 0.5 | 1 | 3 | 0.3 |
| **170** | **Window Sash** | **Metal** | **A** | **Intact** | **White** | **Building C + D** | **Classroom D4** | **Positive** | **8.2** | **1** | **2** | **0.4** |
| **171** | **Window Sill** | **Metal** | **A** | **Intact** | **White** | **Building C + D** | **Classroom D4** | **Positive** | **11.3** | **1** | **2** | **0.4** |
| 172 | Wall | Ceramic | B | Intact | Blue | Building C + D | Classroom D3 | Negative | 0.2 | 1 | 2 | 0.4 |
| 173 | Wall | Ceramic | C | Intact | Blue | Building C + D | Classroom D3 | Negative | 0.5 | 1 | 3 | 0.3 |
| 174 | Wall | Ceramic | D | Intact | Grey | Building C + D | Classroom D3 | Negative | 0.1 | 1 | 2 | 0.4 |
| 175 | Door | Wood | A | Intact | Blue | Building C + D | Classroom D3 | Negative | 0.2 | 1 | 2 | 0.4 |
| **176** | **Door Jamb** | **Metal** | **A** | **Intact** | **Grey** | **Building C + D** | **Classroom D3** | **Positive** | **1** | **1** | **5** | **0.2** |
| **177** | **Window Sash** | **Metal** | **A** | **Intact** | **White** | **Building C + D** | **Classroom D3** | **Positive** | **5.3** | **1** | **2** | **0.4** |
| **178** | **Window Sill** | **Ceramic** | **A** | **Intact** | **White** | **Building C + D** | **Classroom D3** | **Positive** | **13.5** | **1** | **2** | **0.4** |
| 179 | Wall | Ceramic | A | Intact | Blue | Building C + D | Classroom D2 | Negative | 0.1 | 1 | 2 | 0.4 |
| 180 | Wall | Ceramic | C | Intact | Blue | Building C + D | Classroom D2 | Negative | 0 | 1 | 2 | 0.4 |
| 181 | Wall | Ceramic | D | Intact | Grey | Building C + D | Classroom D2 | Negative | 0.4 | 1 | 2 | 0.4 |
| 182 | Door | Wood | A | Intact | Blue | Building C + D | Classroom D2 | Negative | 0.3 | 1 | 2 | 0.4 |
| 183 | Door Jamb | Metal | A | Intact | Grey | Building C + D | Classroom D2 | Negative | 0.6 | 1 | 4 | 0.3 |
| **184** | **Window Sash** | **Metal** | **A** | **Intact** | **White** | **Building C + D** | **Classroom D2** | **Positive** | **7.8** | **1** | **2** | **0.4** |
| **185** | **Window Sill** | **Metal** | **A** | **Intact** | **White** | **Building C + D** | **Classroom D2** | **Positive** | **13.6** | **1** | **2** | **0.4** |

# XRF Analysis Data

| Reading No | COMPONENT | SUBSTRATE | SIDE | CONDITION | COLOR | Building | ROOM | Results | mgcm2 | Action Level | Nom Secs | 3 SD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 186 | Wall | Ceramic | C | Intact | Grey | Building C + D | Classroom D1 | Negative | 0.3 | 1 | 2 | 0.4 |
| 187 | Wall | Ceramic | D | Intact | Grey | Building C + D | Classroom D1 | Negative | 0.3 | 1 | 2 | 0.4 |
| 188 | Wall | Plaster | A | Intact | Blue | Building C + D | Classroom D1 | Negative | 0.3 | 1 | 2 | 0.4 |
| 189 | Door | Wood | A | Intact | Blue | Building C + D | Classroom D1 | Negative | 0.3 | 1 | 2 | 0.4 |
| 190 | Door Jamb | Metal | A | Intact | Blue | Building C + D | Classroom D1 | Negative | 0.4 | 1 | 2 | 0.4 |
| **191** | **Window Sash** | **Metal** | **A** | **Intact** | **White** | **Building C + D** | **Classroom D1** | **Positive** | **4.8** | **1** | **2** | **0.4** |
| **192** | **Window Sill** | **Ceramic** | **A** | **Intact** | **White** | **Building C + D** | **Classroom D1** | **Positive** | **12.7** | **1** | **2** | **0.4** |
| 193 | Wall | Stucco | A | Intact | White | Building C + D | Exterior | Negative | 0.4 | 1 | 2 | 0.4 |
| 194 | Calibration - Back | | | | | | | Positive | 1.2 | 1 | 5 | 0.2 |
| 195 | Calibration - Back | | | | | | | Positive | 1.3 | 1 | 5 | 0.2 |
| 196 | Calibration - Back | | | | | | | Positive | 1.2 | 1 | 5 | 0.2 |

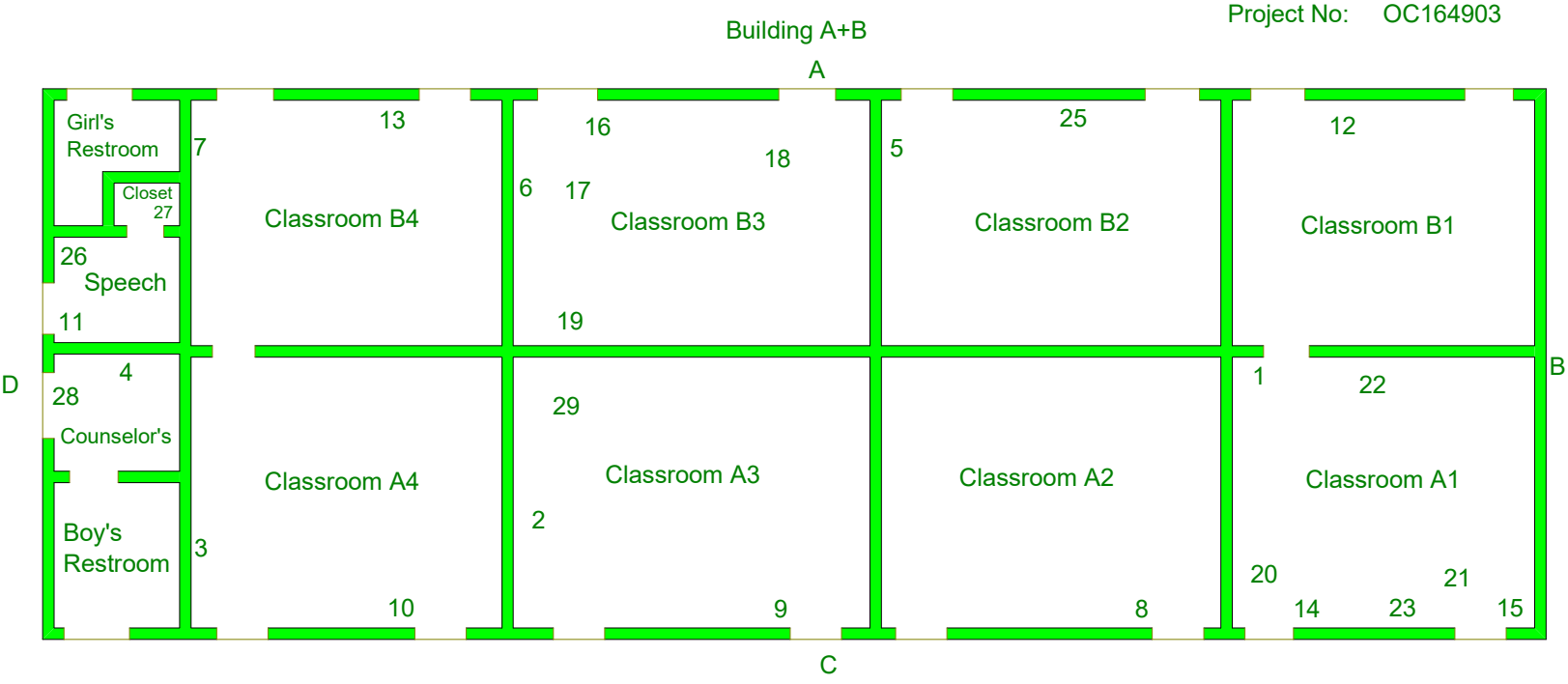
* **FIRST AND LAST 3 READINGS ARE CALIBRATION CHECKS ONLY**

* **BOLD ROW INDICATES COMPONENTS POSITIVE FOR LEAD**

Sample Location Drawing
(Drawing Not To Scale)

Eastwood Elementary School
13552 University Avenue
Westminster, CA 92683

Project No: OC164903



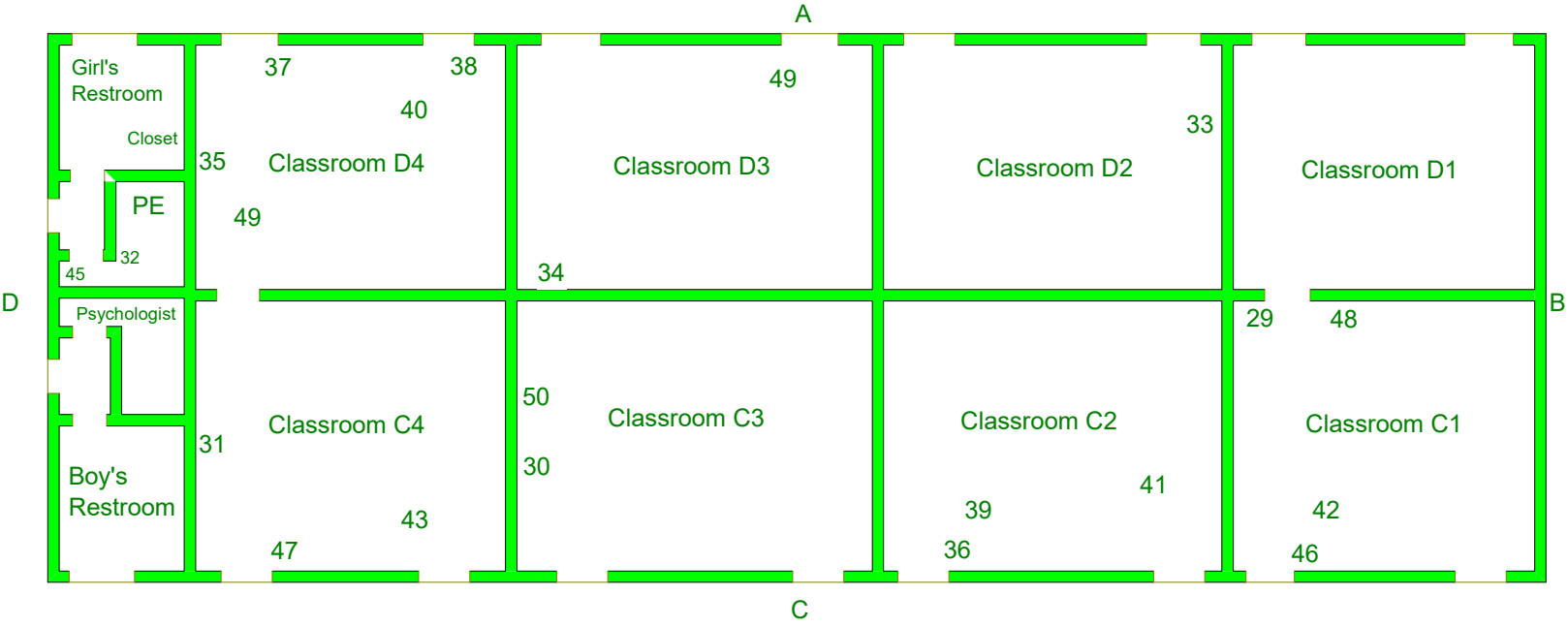

Note: Entries to each room or room equivalent is Side "A" for building interiors.
Sides B, C & D proceed clockwise from side A.

Sample Location Drawing
(Drawing Not To Scale)

Eastwood Elementary School
13552 University Avenue
Westminster, CA 92683

Project No: OC164903

Building C+D



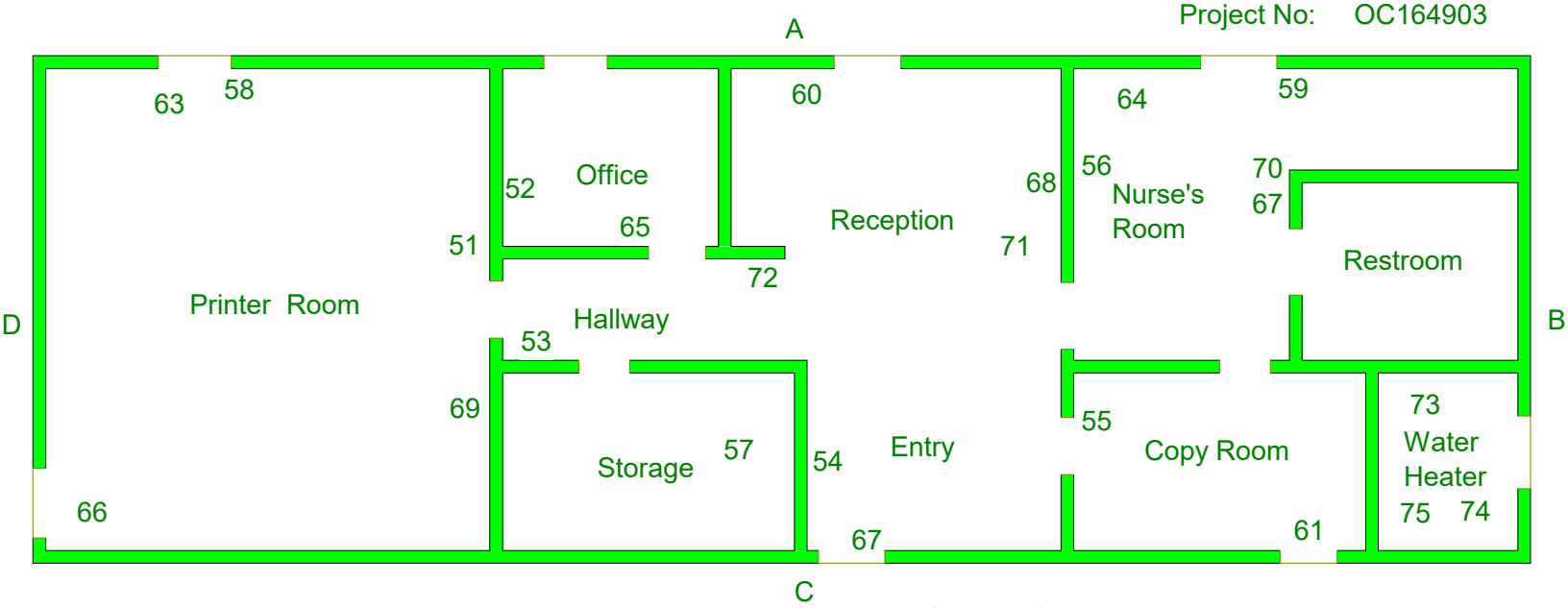

Note: Entries to each room or room equivalent is Side "A" for building interiors.
Sides B, C & D proceed clockwise from side A.

Sample Location Drawing
(Drawing Not to Scale)

Eastwood Elementary School
13552 University Avenue
Westminster, CA 92683

Project No: OC164903

Admin Building

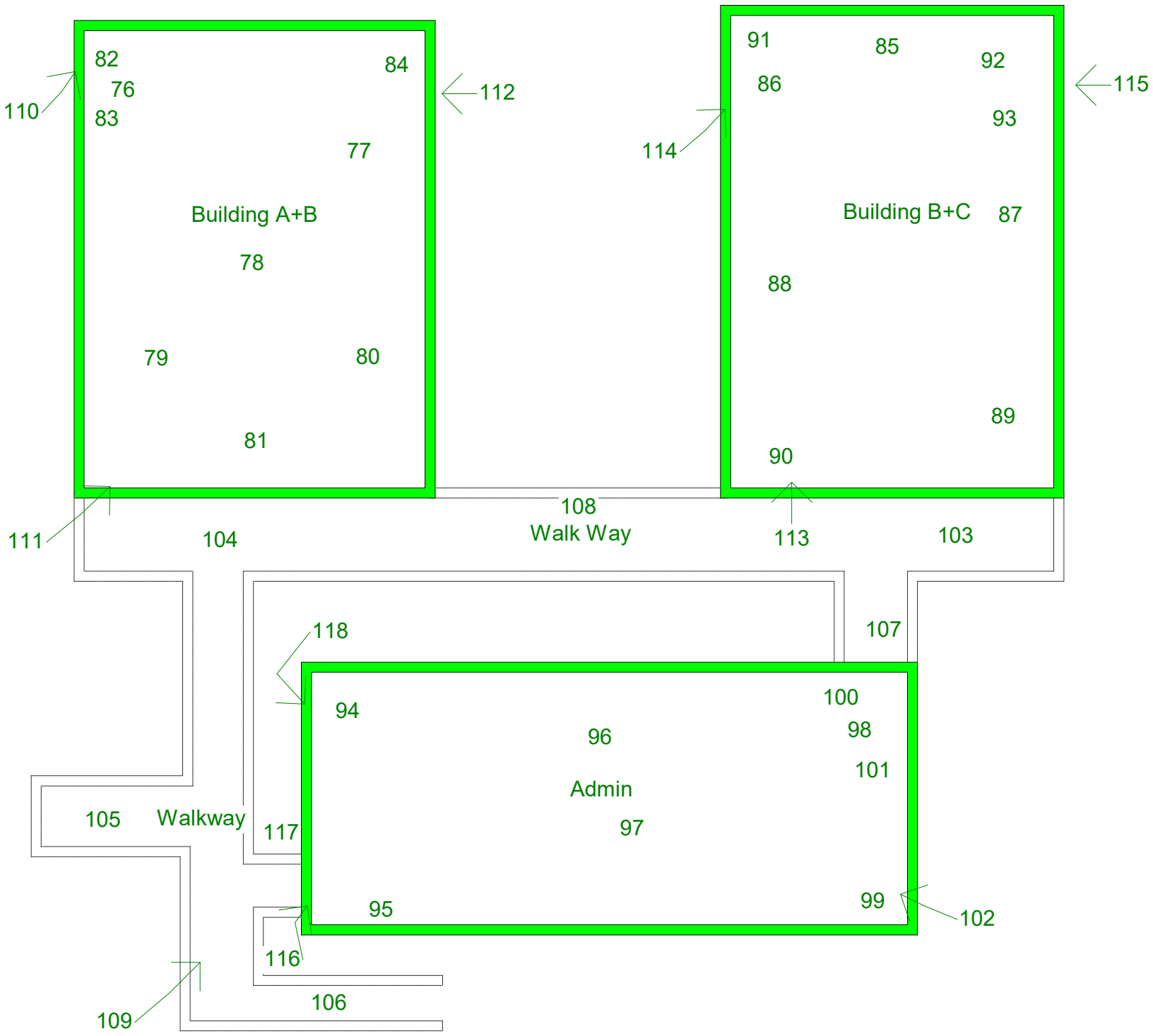



Note: Entries to each room or room equivalent is Side "A" for building interiors.
Sides B, C & D proceed clockwise from side A.

Sample Location Drawing
(Drawing Not To Scale)

Eastwood Elementary School
13552 University Avenue
Westminster, CA 92683

Project No: OC164903



California Department of PublicHealth

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

# LEAD-RELATED CONSTRUCTION CERTIFICATE

| INDIVIDUAL: | CERTIFICATE TYPE: | NUMBER: | EXPIRATION DATE: |
|---|---|---|---|
| **Dylan Manning** | Lead Sampling Technician | LRC-00003395 | 5/25/2024 |

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

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

# LEAD-RELATED CONSTRUCTION CERTIFICATE

| INDIVIDUAL: | CERTIFICATE TYPE: | NUMBER: | EXPIRATION DATE: |
|---|---|---|---|
| | Lead Inspector/Assessor | LRC-00002458 | 8/23/2024 |

**Zach Levin**

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

# LEAD HAZARD EVALUATION REPORT

**Section 1 — Date of Lead Hazard Evaluation** 8/22/2023

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

☐ Lead Inspection ☐ Risk assessment ☐ Clearance Inspection ☑ Other (specify) Limited interior and exterior lead inspection

**Section 3 — Structure Where Lead Hazard Evaluation Was Conducted**

| Address [number, street, apartment (if applicable)] | City | County | Zip Code |
|---|---|---|---|
| 13552 University Avenue | Westminster | Orange County | 92683 |

| Construction date (year) of structure | Type of structure | Children living in structure? |
|---|---|---|
| Pre-1978 | ☐ Multi-unit building ☑ School or daycare<br>☐ Single family dwelling ☐ Other | ☐ Yes ☑ No<br>☐ Don't Know |

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

| Name | Telephone number |
|---|---|
| Owner's Representative - Brian Johnson of Westminster School District | 714-264-4036 |

| Address [number, street, apartment (if applicable)] | City | State | Zip Code |
|---|---|---|---|
| 14121 Cedarwood Avenue | Westminster | CA | 92683 |

**Section 5 — Results of Lead Hazard Evaluation (check all that apply)**

☐ No lead-based paint detected ☑ Intact lead-based paint detected ☐ Deteriorated lead-based paint detected

☐ No lead hazards detected ☐ Lead-contaminated dust found ☐ Lead-contaminated soil found ☐ Other

**Section 6 — Individual Conducting Lead Hazard Evaluation**

| Name | Telephone number |
|---|---|
| Dylan Manning (LRC-00003395) | 714-899-8900 |

| Address [number, street, apartment (if applicable)] | City | State | Zip Code |
|---|---|---|---|
| 1041 S. Placentia Avenue | Fullerton | CA | 92831 |

| CDPH certification number | Signature | Date |
|---|---|---|
| LRC-00002458 | | 9/26/2023 |

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

**Section 7 — Attachments**

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

First copy and attachments retained by inspector

Second copy and attachments retained by owner

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

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

tel - 714-899-8900
free - 888-743-0998
fax - 714-899-1188
PatriotLab.com
1041 S. Placentia Avenue, Fullerton, CA 92831

PATRIOT
Environmental Laboratory Services, Inc.

**September 26, 2023**

Brian Johnson
**Westminster School District**
14121 Cedarwood Avenue
Westminster, CA 92683

Re: **Limited Asbestos Survey**
Eastwood Elementary School
13552 University Avenue
Westminster, CA 92683

PO No: T6000780

Project No: OC164903 & OC164903A

Dear Mr. Johnson,

On August 18 & 21, 2023, California DOSH Certified Site Surveillance Technician, Mr. Henry Angel (CSST 15-5423) of Patriot Environmental Laboratory Services, Inc. (Patriot) performed a limited asbestos inspection at the above subject property located in Westminster, California. **The purpose of the inspection was to determine if asbestos is present in the building materials for a renovation at the subject property.**

***Summary of Positive Results***

The following asbestos-containing material was identified in Building A + B:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Corkboards | N/A | Classrooms A1-A4 and B1-B4 Walls | Intact | NF | 840 SF | *ASSUMED |
| Whiteboards | N/A | Classrooms A1-A4 and B1-B4 Walls | Intact | NF | 420 SF | *ASSUMED |
| F = Friable<br>NF = Non-Friable | | | | | | |

***Ms. Johan Quintana Hernandez CAC (19-6487) of Patriot is assuming the corkboard and whiteboard materials are Asbestos-Containing Materials (ACM as defined by Rule 1403 - is a material that contains greater than 1% asbestos content) and therefore an asbestos abatement contractor must remove the material prior to disturbance.**

The following asbestos-containing material was identified in Building C + D:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Corkboards | N/A | Classrooms C1-C4 and D1-D4 Walls | Intact | NF | 2,400 SF | *ASSUMED |
| Whiteboards | N/A | Classrooms C1-C4 and D1-D4 Walls | Intact | NF | 480 SF | *ASSUMED |
| Chalkboards | N/A | Classrooms C1-C4 and D1-D4 Walls | Intact | NF | 480 SF | *ASSUMED |
| F = Friable<br>NF = Non-Friable | | | | | | |

***Ms. Johan Quintana Hernandez CAC (19-6487) of Patriot is assuming the corkboard and whiteboard materials are Asbestos-Containing Materials (ACM as defined by Rule 1403 - is a material that contains greater than 1% asbestos content) and therefore an asbestos abatement contractor must remove the material prior to disturbance.**

The following asbestos-containing material was identified in the Admin Building:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Black Glue* | 66B | Nurse's Office, Office, and Printer Room Floors Under Planks | Intact | NF | 1,920 SF | 5% Chrysotile |
| Corkboards | N/A | Printer Room Walls | Intact | NF | 200 SF | **ASSUMED |
| Whiteboards | N/A | Printer Room Walls | Intact | NF | 20 SF | **ASSUMED |
| Chalkboards | N/A | Printer Room Walls | Intact | NF | 20 SF | **ASSUMED |
| F = Friable<br>NF = Non-Friable | | | | | | |

***Based on the positive analytical result of sample 66B and technician visual determination, the flooring material in the areas inspected are homogeneous and therefore should be considered positive for asbestos.**

****Ms. Johan Quintana Hernandez CAC (19-6487) of Patriot is assuming the corkboard and whiteboard materials are Asbestos-Containing Materials (ACM as defined by Rule 1403 - is a material that contains greater than 1% asbestos content) and therefore an asbestos abatement contractor must remove the material prior to disturbance.**

**Note: The quantities of asbestos-containing materials identified in this report are approximations. It is the responsibility of the abatement contractor to verify the actual quantities of materials to be abated during their job walk for preparation of their bid.**

***Summary of Point Count Findings***

EPA Point Count method has identified the building material to be less than one tenth of a percent asbestos in Building A + B:

| Homogeneous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| White Stucco | 110A-112A | Exterior Overhang | Intact | NF | 2,000 SF | <0.1% Chrysotile |
| F = Friable<br>NF = Non-Friable | | | | | | |

EPA Point Count method has identified the building material to be less than one tenth of a percent asbestos in Building C + D:

| Homogeneous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| White Stucco | 113A-115A | Exterior Overhang | Intact | NF | 2,000 SF | <0.1% Chrysotile |
| F = Friable<br>NF = Non-Friable | | | | | | |

EPA Point Count method has identified the building material to be less than one tenth of a percent asbestos in Admin Building:

| Homogeneous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| White Stucco | 116A-118A | Exterior Overhang | Intact | NF | 350 SF | <0.1% Chrysotile |
| F = Friable<br>NF = Non-Friable | | | | | | |

***Summary of Negative Results***

The following materials **were not** identified as asbestos-containing materials in Building A+ B:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Skim Coat | 1A-7A | Classroom A1, A3, A4, A-Counselor, B2, B3, and B4 Walls | Intact | NF | 6,597 SF | None Detected |
| Plaster | 1B-7B | Classroom A1, A3, A4, A-Counselor, B2, B3, and B4 Walls | Intact | NF | 6,597 SF | None Detected |
| Grey 6" Cove Base | 8A-10A | Room A2, A3, and A4 Walls | Intact | NF | 103 SF | None Detected |

| | | | | | | |
|---|---|---|---|---|---|---|
| Tan Glue | 8B-10B | Room A2, A3, and A4 Walls | Intact | NF | 103 SF | None Detected |
| Green/Yellow Glue | 11-13 | B Speech, Classrooms B1 and B4 Floors | Intact | NF | 6,039 SF | None Detected |
| Black 6" Cove Base | 14A-16A | Classroom A1 and A3 Walls | Intact | NF | 42 SF | None Detected |
| Tan Glue | 14B-16B | Classroom A1 and A3 Walls | Intact | NF | 42 SF | None Detected |
| Green Glue | 17-19 | Classroom B3 Floor Under Black Carpet | Intact | NF | 933 SF | None Detected |
| Yellow Glue | 20-22 | Classroom A1 Floor Under Blue Carpet | Intact | NF | 992 SF | None Detected |
| White 2'x4' Ceiling Tile | 23-25 | Classrooms A1, A3, and B2 Ceilings | Intact | NF | 7,565 SF | None Detected |
| White 1'x1' Ceiling Tile | 26A-28A | Speech, Speech Closet, and Counselor Ceilings | Intact | F | 400 SF | None Detected |
| Mastic | 26B-28B | Speech, Speech Closet, and Counselor Ceilings | Intact | F | 400 SF | None Detected |
| White Rolled Roof | 76A-81A | Roof Pitch | Intact | NF | 10,970 SF | None Detected |
| Roofing Material | 76B-81B | Roof Pitch | Intact | NF | 10,970 SF | None Detected |
| Roofing Material | 76C-81C | Roof Pitch | Intact | NF | 10,970 SF | None Detected |
| White/Black Mastic | 82-84 | Roof Penetrations | Intact | NF | 20 SF | None Detected |
| Scratch Coat | 110B-112B | Exterior Overhang | Intact | NF | 2,000 SF | None Detected |
| F = Friable<br>NF = Non-Friable | | | | | | |

The following materials **were not** identified as asbestos-containing materials in Building C + D:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Skim Coat | 29A-35A | Classroom C1, C3, C4, D-PE, D2, D3, D4 Walls | Intact | NF | 6,597 SF | None Detected |
| Plaster | 29B-35B | Classroom C1, C3, C4, D-PE, D2, D3, D4 Walls | Intact | NF | 6,597 SF | None Detected |
| Black 6" Cove Base | 36A-38A | Classrooms C2 and D4 Walls | Intact | NF | 40 SF | None Detected |
| Yellow Glue | 36B-38B | Classrooms C2 and D4 Walls | Intact | NF | 40 SF | None Detected |

| | | | | | | |
|---|---|---|---|---|---|---|
| Green/Yellow Glue | 39-41 | Classrooms C2 and D4 Floors Under Black Carpet | Intact | NF | 1,829 SF | None Detected |
| Yellow/Green Glue | 42-44 | Classrooms C1, C4, and D3 Floors Under Grey Carpet | Intact | NF | 3,538 SF | None Detected |
| Grey 6" Cove Base | 45A-47A | Classrooms D-PE, C1, and C2 Walls | Intact | NF | 90 SF | None Detected |
| Tan Glue | 45B-47B | Classrooms D-PE, C1, and C2 Walls | Intact | NF | 90 SF | None Detected |
| White 1'x1' Ceiling Tile | 48-50 | Classrooms C1, D4, and C3 Walls and Ceilings | Intact | F | 8,220 SF | None Detected |
| White Rolled Roof | 85A-90A | Roof Pitch | Intact | NF | 10,970 SF | None Detected |
| Roofing Material | 85B-90B | Roof Pitch | Intact | NF | 10,970 SF | None Detected |
| Roofing Material | 85C-90C | Roof Pitch | Intact | NF | 10,970 SF | None Detected |
| White/Black Mastic | 91-93 | Roof Penetrations | Intact | NF | 20 SF | None Detected |
| Scratch Coat | 113B-115B | Exterior Overhang | Intact | NF | 2,000 SF | None Detected |
| F = Friable<br>NF = Non-Friable | | | | | | |

The following materials **were not** identified as asbestos-containing materials in Admin Building:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Skim Coat | 51A-57A | Printer Room, Office, Hallway, Entry, Copy Room, Nurse's Room, and Storage Walls and Ceilings | Intact | NF | 3,722 SF | None Detected |
| Plaster | 51B-57B | Printer Room, Office, Hallway, Entry, Copy Room, Nurse's Room, and Storage Walls and Ceilings | Intact | NF | 3,722 SF | None Detected |
| Black 6" Cove Base | 58A-60A | Printer Room, Nurse's Room, and Rec Room Walls | Intact | NF | 25 SF | None Detected |
| Yellow Glue | 58B-60B | Printer Room, Nurse's Room, and Rec Room Walls | Intact | NF | 25 SF | None Detected |
| Yellow/Black Glue | 61-63 | Copy Room, Entry, and Printer Room Floors Under Black Carpet | Intact | NF | 50 SF | None Detected |
| Yellow/Black Glue | 64-66 | Nurse's Room, Office, and Printer Room Floors Under Planks | Intact | NF | 1,920 SF | None Detected |
| White 1'x1' Tile | 67A-69A | Nurse's Room, Rec Room, and Printer Room Walls | Intact | NF | 1,920 SF | None Detected |

| | | | | | | |
|---|---|---|---|---|---|---|
| Brown Mastic | 67B-69B | Nurse's Room, Rec Room, and Printer Room Walls | Intact | NF | 1,920 SF | None Detected |
| Drywall | 70-72A | Nurse's Room, Rec Room, and Hallway Walls and Ceilings | Intact | NF | 1,200 SF | None Detected |
| Joint Compound | 72B | Hallway Ceiling | Intact | NF | N/A | None Detected |
| Tan Wrap | 73A-75A | Water Heater Closet Duct | Intact | NF | 60 SF | None Detected |
| Yellow Insulation | 73B-75B | Water Heater Closet Duct | Intact | NF | 60 SF | None Detected |
| White Rolled Roof | 94A-99A | Roof Pitch | Intact | NF | 3,080 SF | None Detected |
| Roofing Material | 94B-99B | Roof Pitch | Intact | NF | 3,080 SF | None Detected |
| Roofing Material | 94C, 96C-99C | Roof Pitch | Intact | NF | 3,080 SF | None Detected |
| Roofing Material | 94D,97D | Roof Pitch | Intact | NF | 3,080 SF | None Detected |
| Roofing Material | 97E | Roof Pitch | Intact | NF | 3,080 SF | None Detected |
| White/Black Mastic | 100-102 | Roof Penetrations | Intact | NF | 10 SF | None Detected |
| Scratch Coat | 116B-118B | Exterior Overhang | Intact | NF | 350 SF | None Detected |
| F = Friable<br>NF = Non-Friable | | | | | | |

The following materials **were not** identified as asbestos-containing materials in the Walkway:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| White Rolled Roof | 103A-109A | Flat Roof | Intact | NF | 4,385 SF | None Detected |
| Roofing Material | 103B-109B | Flat Roof | Intact | NF | 4,385 SF | None Detected |
| Roofing Material | 103C-109C | Flat Roof | Intact | NF | 4,385 SF | None Detected |
| F = Friable<br>NF = Non-Friable | | | | | | |

***Property Description***

The subject property is a school structure. The subject buildings are single-story wood frame buildings set on a cement slab foundations. At the time of this inspection, the identified asbestos-containing materials were in intact condition. Additionally, Patriot observed no obvious fire or structural damage to the structure.

***Scope of Work***

On August 18 & 21, 2023, Mr. Henry Angel (CSST 15-5423) of Patriot conducted a limited asbestos inspection working under the direction of Ms. Johana Quintana Hernandez CAC (19-6487). The interior and exterior of the buildings were visually inspected for the purpose of identifying the specified suspect asbestos-containing materials listed in the summary tables above. Once the inventory of suspect materials was created, physical bulk samples were collected of the materials from representative locations. Samples were collected in airtight containers. Upon collection, sample numbers, descriptions, and collection locations were entered onto a chain of custody for transportation via a Patriot employed courier (Aaron Rodriguez) to Patriot's NVLAP accredited laboratory.

***Sample Protocol/Analysis***

Samples were collected in accordance with the Asbestos Hazard Emergency Response Act (40 CFR 763 Subpart E) as mandated by Cal/OSHA (Title 8 Section 1529) and South Coast Air Quality Management District (Rule 1403).

Physical bulk samples were analyzed by Patriot Lab located at 1041 S. Placentia Avenue Fullerton, CA 92831; office number 714-607-5227. Patriot Lab is accredited by the National Voluntary Laboratory Accreditation Program (200358-0). The method of analysis was Polarized Light Microscopy (EPA 600/M4-82-020) and EPA Point Count method using 1000 points to meet the Cal OSHA Detection Limit of 0.1% asbestos.

***Recommendations***

If any of the asbestos-containing materials identified in this report are scheduled to be impacted by renovation or demolition activities, an asbestos abatement contractor must remove them prior to disturbance. Asbestos abatement contractors must be registered with the Division of Occupational Safety and Health.

The white stucco material is not classified as an asbestos-containing material (ACM) or asbestos-containing construction material (ACCM), but Cal/OSHA (Title 8 Section 1529): Regulates all materials with any detectable concentrations of asbestos and requires applicable worker protection (PPE), however the contractor impacting the material that has been determined to be less than or equal to 0.1% by weight is not required to be DOSH certified (a licensed asbestos contractor).

***Disclaimer***

If additional suspect materials are discovered during renovation activities, all work should cease until a Certified Asbestos Consultant is contracted to determine the asbestos content of the building materials. This inspection was performed in accordance with current regulations and state of the art practices. The inventory of asbestos-containing materials and determination of their condition are based upon observations at the time of inspection. Patriot does not assume responsibility for future regulatory changes or changes in the condition of the building or materials.

Please contact our office if there are any questions regarding this inspection.

Sincerely,

**Patriot Environmental Laboratory Services, Inc.**

**Johana Quintana-Hernandez**
Certified Asbestos Consultant No. 19-6487

Enclosure: Laboratory Results
Sample Location Diagram
Certifications

Certificate of Analysis
**PLM Asbestos Identification**

tel - 310-872-5227
free - 855-507-5227
LALab@patriotlab.com
5830B Hannum Avenue, Culver City, CA 90230

PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 988363
Project Number: OC164903
Project Name: Eastwood Elementary School
Project Location: 13552 University Avenue
Westminster, 92683

Date Collected: 8/18/2023
Date Received: 8/21/2023
Date Analyzed: 8/21/2023
Date Reported: 8/21/2023

Collected By: Henry Angel
Claim Number:
PO Number:
Number of Samples: 230

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-001A<br>1 | (Building A-B) Room A-1 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-001B<br>1 | (Building A-B) Room A-1 at Wall | Plaster | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-002A<br>2 | (Building A-B) Room A-3 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-002B<br>2 | (Building A-B) Room A-3 at Wall | Plaster | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-003A<br>3 | (Building A-B) Room A-4 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-003B<br>3 | (Building A-B) Room A-4 at Wall | Plaster | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

Certificate of Analysis
**PLM Asbestos Identification**

tel - 310-872-5227
free - 855-507-5227
LALab@patriotlab.com
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PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 988363
Project Number: OC164903
Project Name: Eastwood Elementary School
Project Location: 13552 University Avenue
Westminster, 92683

Date Collected: 8/18/2023
Date Received: 8/21/2023
Date Analyzed: 8/21/2023
Date Reported: 8/21/2023

Collected By: Henry Angel
Claim Number:
PO Number:
Number of Samples: 230

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-004A<br>4 | (Building A-B) Room A-Counselor at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-004B<br>4 | (Building A-B) Room A-Counselor at Wall | Plaster | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-005A<br>5 | (Building A-B) Room B-2 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-005B<br>5 | (Building A-B) Room B-2 at Wall | Plaster | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-006A<br>6 | (Building A-B) Room B-3 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-006B<br>6 | (Building A-B) Room B-3 at Wall | Plaster | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Henry Angel
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PO Number:
Number of Samples: 230

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-007A<br>7 | (Building A-B) Room B-4 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-007B<br>7 | (Building A-B) Room B-4 at Wall | Plaster | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-008A<br>8 | (Building A-B) Room A-2 at Wall | 6in Cove Base | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-008B<br>8 | (Building A-B) Room A-2 at Wall | Glue | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-009A<br>9 | (Building A-B) Room A-3 at Wall | 6in Cove Base | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-009B<br>9 | (Building A-B) Room A-3 at Wall | Glue | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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PO Number:
Number of Samples: 230

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-010A<br>10 | (Building A-B) Room A-4 at Wall | 6in Cove Base | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-010B<br>10 | (Building A-B) Room A-4 at Wall | Glue | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-011<br>11 | (Building A-B) Room B-Speech at Floor | Glue | Green Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-012<br>12 | (Building A-B) Room B-1 at Floor | Glue | Green Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-013<br>13 | (Building A-B) Room B-4 at Floor | Glue | Green Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-014A<br>14 | (Building A-B) Room A-1 at Wall | 6in Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Henry Angel
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Number of Samples: 230

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-014B<br>14 | (Building A-B) Room A-1 at Wall | Glue | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-015A<br>15 | (Building A-B) Room A-1 at Wall | 6in Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-015B<br>15 | (Building A-B) Room A-1 at Wall | Glue | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-016A<br>16 | (Building A-B) Room B-3 at Wall | 6in Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-016B<br>16 | (Building A-B) Room B-3 at Wall | Glue | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-017<br>17 | (Building A-B) Room B-3 at Floor | Glue | Green | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-018<br>18 | (Building A-B) Room B-3 at Floor | Glue | Green | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-019<br>19 | (Building A-B) Room B-3 at Floor | Glue | Green | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-020<br>20 | (Building A-B) Room A-1 at Floor | Glue | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-021<br>21 | (Building A-B) Room A-1 at Floor | Glue | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-022<br>22 | (Building A-B) Room A-1 at Floor | Glue | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-023<br>23 | (Building A-B) Room A-1 at Ceiling | 2x4 Ceiling Tile | White | 20% Non-Fibrous Material<br>60% Cellulose<br>20% Mineral Wool |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-024<br>24 | (Building A-B) Room A-3 at Ceiling | 2x4 Ceiling Tile | White | 20% Non-Fibrous Material<br>60% Cellulose<br>20% Mineral Wool |
| **Total Asbestos** | **None Detected** | | | |
| 988363-025<br>25 | (Building A-B) Room B-2 at Ceiling | 2x4 Ceiling Tile | White | 20% Non-Fibrous Material<br>60% Cellulose<br>20% Mineral Wool |
| **Total Asbestos** | **None Detected** | | | |
| 988363-026A<br>26 | (Building A-B) Speech at Ceiling | 1x1 Ceiling Tile | White | 20% Non-Fibrous Material<br>60% Cellulose<br>20% Mineral Wool |
| **Total Asbestos** | **None Detected** | | | |
| 988363-026B<br>26 | (Building A-B) Speech at Ceiling | Mastic | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-027A<br>27 | (Building A-B) Speech Closet at Ceiling | 1x1 Ceiling Tile | White | 20% Non-Fibrous Material<br>60% Cellulose<br>20% Mineral Wool |
| **Total Asbestos** | **None Detected** | | | |
| 988363-027B<br>27 | (Building A-B) Speech Closet at Ceiling | Mastic | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-028A<br>28 | (Building A-B) Counselor at Ceiling | 1x1 Ceiling Tile | White | 20% Non-Fibrous Material<br>60% Cellulose<br>20% Mineral Wool |
| **Total Asbestos** | **None Detected** | | | |
| 988363-028B<br>28 | (Building A-B) Counselor at Ceiling | Mastic | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-029A<br>29 | (Building C+D) Room C-1 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Henry Angel
Claim Number:
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Number of Samples: 230

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-029B<br>29 | (Building C+D) Room C-1 at Wall | Plaster | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-030A<br>30 | (Building C+D) Room C-3 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-030B<br>30 | (Building C+D) Room C-3 at Wall | Plaster | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-031A<br>31 | (Building C+D) Room C-4 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-031B<br>31 | (Building C+D) Room C-4 at Wall | Plaster | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-032A<br>32 | (Building C+D) Room D-PE at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Number of Samples: 230

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-032B<br>32 | (Building C+D) Room D-PE at Wall | Plaster | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-033A<br>33 | (Building C+D) Room D-2 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-033B<br>33 | (Building C+D) Room D-2 at Wall | Plaster | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-034A<br>34 | (Building C+D) Room D-3 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-034B<br>34 | (Building C+D) Room D-3 at Wall | Plaster | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-035A<br>35 | (Building C+D) Room D-4 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Number of Samples: 230

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-035B<br>35 | (Building C+D) Room D-4 at Wall | Plaster | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-036A<br>36 | (Building C+D) Room C-2 at Wall | Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-036B<br>36 | (Building C+D) Room C-2 at Wall | Glue | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-037A<br>37 | (Building C+D) Room D-4 at Wall | Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-037B<br>37 | (Building C+D) Room D-4 at Wall | Glue | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-038A<br>38 | (Building C+D) Room D-4 at Wall | Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-038B<br>38 | (Building C+D) Room D-4 at Wall | Glue | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-039<br>39 | (Building C+D) Room C-2 at Floor | Glue | Green Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-040<br>40 | (Building C+D) Room D-4 at Floor | Glue | Green Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-041<br>41 | (Building C+D) Room C-2 at Floor | Glue | Green Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-042<br>42 | (Building C+D) Room C-1 at Floor | Glue | Yellow Green | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-043<br>43 | (Building C+D) Room C-4 at Floor | Glue | Yellow Green | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-044<br>44 | (Building C+D) Room D-3 at Floor | Glue | Yellow Green | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-045A<br>45 | (Building C+D) Room D-PE at Wall | 6in Cove Base | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-045B<br>45 | (Building C+D) Room D-PE at Wall | Glue | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-046A<br>46 | (Building C+D) Room C-1 at Wall | 6in Cove Base | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-046B<br>46 | (Building C+D) Room C-1 at Wall | Glue | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-047A<br>47 | (Building C+D) Room C-2 at Wall | 6in Cove Base | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Number of Samples: 230

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-047B<br>47 | (Building C+D) Room C-2 at Wall | Glue | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-048<br>48 | (Building C+D) Room C-1 at Wall | 1x1 Ceiling Tile | White | 20% Non-Fibrous Material<br>60% Cellulose<br>20% Mineral Wool |
| **Total Asbestos** | **None Detected** | | | |
| 988363-049<br>49 | (Building C+D) Room D4 at Ceiling | 1x1 Ceiling Tile | White | 20% Non-Fibrous Material<br>60% Cellulose<br>20% Mineral Wool |
| **Total Asbestos** | **None Detected** | | | |
| 988363-050<br>50 | (Building C+D) Room C-3 at Wall | 1x1 Ceiling Tile | White | 20% Non-Fibrous Material<br>60% Cellulose<br>20% Mineral Wool |
| **Total Asbestos** | **None Detected** | | | |
| 988363-051A<br>51 | (Admin Building) Printer Room at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Henry Angel
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PO Number:
Number of Samples: 230

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-051B<br>51 | (Admin Building) Printer Room at Wall | Plaster | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-052A<br>52 | (Admin Building) Office at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-052B<br>52 | (Admin Building) Office at Wall | Plaster | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-053A<br>53 | (Admin Building) Hall at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-053B<br>53 | (Admin Building) Hall at Wall | Plaster | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-054A<br>54 | (Admin Building) Entry at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

Certificate of Analysis
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PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 988363
Project Number: OC164903
Project Name: Eastwood Elementary School
Project Location: 13552 University Avenue
Westminster, 92683

Date Collected: 8/18/2023
Date Received: 8/21/2023
Date Analyzed: 8/21/2023
Date Reported: 8/21/2023

Collected By: Henry Angel
Claim Number:
PO Number:
Number of Samples: 230

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-054B<br>54 | (Admin Building) Entry at Wall | Plaster | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-055A<br>55 | (Admin Building) Copy Room at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-055B<br>55 | (Admin Building) Copy Room at Wall | Plaster | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-056A<br>56 | (Admin Building) Nurses at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-056B<br>56 | (Admin Building) Nurses at Wall | Plaster | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-057A<br>57 | (Admin Building) Storage at Ceiling | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Henry Angel
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PO Number:
Number of Samples: 230

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-057B<br>57 | (Admin Building) Storage at Ceiling | Plaster | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-058A<br>58 | (Admin Building) Printer Room at Wall | 6in Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-058B<br>58 | (Admin Building) Printer Room at Wall | Glue | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-059A<br>59 | (Admin Building) Nurses Room at Wall | 6in Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-059B<br>59 | (Admin Building) Nurses Room at Wall | Glue | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-060A<br>60 | (Admin Building) Rec Room at Wall | 6in Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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PO Number:
Number of Samples: 230

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-060B<br>60 | (Admin Building) Rec Room at Wall | Glue | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-061A<br>61 | (Admin Building) Copy at Floor | Glue | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-061B<br>61 | (Admin Building) Copy at Floor | Glue | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-062<br>62 | (Admin Building) Entry at Floor | Glue | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-063A<br>63 | (Admin Building) Printer Room at Floor | Glue | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-063B<br>63 | (Admin Building) Printer Room at Floor | Glue | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-064A<br>64 | (Admin Building) Nurses at Floor | Glue | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-064B<br>64 | (Admin Building) Nurses at Floor | Glue | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-065A<br>65 | (Admin Building) Office at Floor | Glue | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-065B<br>65 | (Admin Building) Office at Floor | Glue | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-066A<br>66 | (Admin Building) Printer Room at Floor | Glue | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-066B<br>66 | (Admin Building) Printer Room at Floor | Glue | Black | 95% Non-Fibrous Material |
| Chrysotile | 5 % | | | |
| **Total Asbestos** | **5 %** | | | |

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Number of Samples: 230

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-067A<br>67 | (Admin Building) Nurses at Wall | 1x1 Tile | White | 3% Non-Fibrous Material<br>97% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 988363-067B<br>67 | (Admin Building) Nurses at Wall | Mastic | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-068A<br>68 | (Admin Building) Recc at Wall | 1x1 Tile | White | 3% Non-Fibrous Material<br>97% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 988363-068B<br>68 | (Admin Building) Recc at Wall | Mastic | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-069A<br>69 | (Admin Building) Printer Room at Wall | 1x1 Tile | White | 3% Non-Fibrous Material<br>97% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 988363-069B<br>69 | (Admin Building) Printer Room at Wall | Mastic | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-070<br>70 | (Admin Building) Nurses at Wall | Drywall | White | 90% Non-Fibrous Material<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 988363-071<br>71 | (Admin Building) Rec at Wall | Drywall | White | 90% Non-Fibrous Material<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 988363-072A<br>72 | (Admin Building) Hall at Ceiling | Drywall | White | 90% Non-Fibrous Material<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 988363-072B<br>72 | (Admin Building) Hall at Ceiling | Joint Compound | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-073A<br>73 | (Admin Building) Water Heater Closet at Duct | Wrap | Tan | 40% Non-Fibrous Material<br>60% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-073B<br>73 | (Admin Building) Water Heater Closet at Duct | Insulation | Yellow | 5% Non-Fibrous Material<br>95% Mineral Wool |
| **Total Asbestos** | **None Detected** | | | |
| 988363-074A<br>74 | (Admin Building) Water Heater Closet at Duct | Wrap | Tan | 40% Non-Fibrous Material<br>60% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 988363-074B<br>74 | (Admin Building) Water Heater Closet at Duct | Insulation | Yellow | 5% Non-Fibrous Material<br>95% Mineral Wool |
| **Total Asbestos** | **None Detected** | | | |
| 988363-075A<br>75 | (Admin Building) Water Heater Closet at Duct | Wrap | Tan | 40% Non-Fibrous Material<br>60% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 988363-075B<br>75 | (Admin Building) Water Heater Closet at Duct | Insulation | Yellow | 5% Non-Fibrous Material<br>95% Mineral Wool |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Henry Angel
Claim Number:
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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-076A<br>76 | (Building A-B) Roof Pitch | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-076B<br>76 | (Building A-B) Roof Pitch | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-076C<br>76 | (Building A-B) Roof Pitch | Roofing Material | Black | 60% Glass Fibers<br>40% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-077A<br>77 | (Building A-B) Roof Pitch | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-077B<br>77 | (Building A-B) Roof Pitch | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-077C<br>77 | (Building A-B) Roof Pitch | Roofing Material | Black | 60% Glass Fibers<br>40% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-078A<br>78 | (Building A-B) Roof Pitch | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-078B<br>78 | (Building A-B) Roof Pitch | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-078C<br>78 | (Building A-B) Roof Pitch | Roofing Material | Black | 60% Glass Fibers<br>40% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-079A<br>79 | (Building A-B) Roof Pitch | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-079B<br>79 | (Building A-B) Roof Pitch | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-079C<br>79 | (Building A-B) Roof Pitch | Roofing Material | Black | 60% Glass Fibers<br>40% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-080A<br>80 | (Building A-B) Roof Pitch | Rolled Roof | Whtie Black | 80% Non-Fibrous Material<br>20% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-080B<br>80 | (Building A-B) Roof Pitch | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-080C<br>80 | (Building A-B) Roof Pitch | Roofing Material | Black | 60% Glass Fibers<br>40% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-081A<br>81 | (Building A-B) Roof Pitch | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-081B<br>81 | (Building A-B) Roof Pitch | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-081C<br>81 | (Building A-B) Roof Pitch | Roofing Material | Black | 60% Glass Fibers<br>40% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-082<br>82 | (Building A-B) Penetration | Mastic | White Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-083<br>83 | (Building A-B) Penetration | Mastic | White Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-084<br>84 | (Building A-B) Penetration | Mastic | White Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-085A<br>85 | (Building C+D) Roof Pitch | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-085B<br>85 | (Building C+D) Roof Pitch | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-085C<br>85 | (Building C+D) Roof Pitch | Roofing Material | Black | 60% Glass Fibers<br>40% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-086A<br>86 | (Building C+D) Roof Pitch | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-086B<br>86 | (Building C+D) Roof Pitch | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-086C<br>86 | (Building C+D) Roof Pitch | Roofing Material | Black | 60% Glass Fibers<br>40% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-087A<br>87 | (Building C+D) Roof Pitch | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-087B<br>87 | (Building C+D) Roof Pitch | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-087C<br>87 | (Building C+D) Roof Pitch | Roofing Material | Black | 60% Glass Fibers<br>40% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-088A<br>88 | (Building C+D) Roof Pitch | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-088B<br>88 | (Building C+D) Roof Pitch | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-088C<br>88 | (Building C+D) Roof Pitch | Roofing Material | Black | 60% Glass Fibers<br>40% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-089A<br>89 | (Building C+D) Roof Pitch | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-089B<br>89 | (Building C+D) Roof Pitch | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |

Certificate of Analysis
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PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 988363
Project Number: OC164903
Project Name: Eastwood Elementary School
Project Location: 13552 University Avenue
Westminster, 92683

Date Collected: 8/18/2023
Date Received: 8/21/2023
Date Analyzed: 8/21/2023
Date Reported: 8/21/2023

Collected By: Henry Angel
Claim Number:
PO Number:
Number of Samples: 230

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-089C<br>89 | (Building C+D) Roof Pitch | Roofing Material | Black | 60% Glass Fibers<br>40% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-090A<br>90 | (Building C+D) Roof Pitch | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-090B<br>90 | (Building C+D) Roof Pitch | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-090C<br>90 | (Building C+D) Roof Pitch | Roofing Material | Black | 60% Glass Fibers<br>40% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-091<br>91 | (Building C+D) Penetration | Mastic | White Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Henry Angel
Claim Number:
PO Number:
Number of Samples: 230

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-092<br>92 | (Building C+D) Penetration | Mastic | White Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-093<br>93 | (Building C+D) Penetration | Mastic | White Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-094A<br>94 | (Admin Building) Roof Pitch | Rolled Roof | Black | 80% Non-Fibrous Material<br>5% Glass Fibers<br>15% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-094B<br>94 | (Admin Building) Roof Pitch | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-094C<br>94 | (Admin Building) Roof Pitch | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Henry Angel
Claim Number:
PO Number:
Number of Samples: 230

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-094D<br>94 | (Admin Building) Roof Pitch | Roofing Material | Black | 80% Non-Fibrous Material<br>5% Glass Fibers<br>15% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-095A<br>95 | (Admin Building) Roof Pitch | Rolled Roof | Black | 80% Non-Fibrous Material<br>5% Glass Fibers<br>15% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-095B<br>95 | (Admin Building) Roof Pitch | Roofing Material | Black | 80% Non-Fibrous Material<br>5% Glass Fibers<br>15% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-096A<br>96 | (Admin Building) Roof Pitch | Rolled Roof | Black | 80% Non-Fibrous Material<br>5% Glass Fibers<br>15% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Henry Angel
Claim Number:
PO Number:
Number of Samples: 230

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-096B<br>96 | (Admin Building) Roof Pitch | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-096C<br>96 | (Admin Building) Roof Pitch | Roofing Material | Black | 80% Non-Fibrous Material<br>5% Glass Fibers<br>15% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-097A<br>97 | (Admin Building) Roof Pitch | Rolled Roof | Black | 80% Non-Fibrous Material<br>5% Glass Fibers<br>15% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-097B<br>97 | (Admin Building) Roof Pitch | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Henry Angel
Claim Number:
PO Number:
Number of Samples: 230

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-097C<br>97 | (Admin Building) Roof Pitch | Roofing Material | Black | 80% Non-Fibrous Material<br>5% Glass Fibers<br>15% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-097D<br>97 | (Admin Building) Roof Pitch | Roofing Material | Black | 80% Non-Fibrous Material<br>5% Glass Fibers<br>15% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-097E<br>97 | (Admin Building) Roof Pitch | Roofing Material | Black | 80% Non-Fibrous Material<br>5% Glass Fibers<br>15% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-098A<br>98 | (Admin Building) Roof Pitch | Rolled Roof | Black | 80% Non-Fibrous Material<br>5% Glass Fibers<br>15% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Henry Angel
Claim Number:
PO Number:
Number of Samples: 230

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-098B<br>98 | (Admin Building) Roof Pitch | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-098C<br>98 | (Admin Building) Roof Pitch | Roofing Material | Black | 80% Non-Fibrous Material<br>5% Glass Fibers<br>15% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-099A<br>99 | (Admin Building) Roof Pitch | Rolled Roof | Black | 80% Non-Fibrous Material<br>5% Glass Fibers<br>15% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-099B<br>99 | (Admin Building) Roof Pitch | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Date Reported: 8/21/2023

Collected By: Henry Angel
Claim Number:
PO Number:
Number of Samples: 230

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-099C<br>99 | (Admin Building) Roof Pitch | Roofing Material | Black | 80% Non-Fibrous Material<br>5% Glass Fibers<br>15% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-100<br>100 | (Admin Building) Penetration | Mastic | White Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-101<br>101 | (Admin Building) Penetration | Mastic | White Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-102<br>102 | (Admin Building) Penetration | Mastic | White Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-103A<br>103 | (Walkway) Penetration | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Henry Angel
Claim Number:
PO Number:
Number of Samples: 230

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-103B<br>103 | (Walkway) Penetration | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-103C<br>103 | (Walkway) Penetration | Roofing Material | Black | 60% Glass Fibers<br>40% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-104A<br>104 | (Walkway) Penetration | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-104B<br>104 | (Walkway) Penetration | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-104C<br>104 | (Walkway) Penetration | Roofing Material | Black | 60% Glass Fibers<br>40% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Date Reported: 8/21/2023

Collected By: Henry Angel
Claim Number:
PO Number:
Number of Samples: 230

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-105A<br>105 | (Walkway) Penetration | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-105B<br>105 | (Walkway) Penetration | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-105C<br>105 | (Walkway) Penetration | Roofing Material | Black | 60% Glass Fibers<br>40% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-106A<br>106 | (Walkway) Penetration | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-106B<br>106 | (Walkway) Penetration | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Henry Angel
Claim Number:
PO Number:
Number of Samples: 230

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-106C<br>106 | (Walkway) Penetration | Roofing Material | Black | 60% Glass Fibers<br>40% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-107A<br>107 | (Walkway) Penetration | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-107B<br>107 | (Walkway) Penetration | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-107C<br>107 | (Walkway) Penetration | Roofing Material | Black | 60% Glass Fibers<br>40% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-108A<br>108 | (Walkway) Penetration | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Henry Angel
Claim Number:
PO Number:
Number of Samples: 230

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-108B<br>108 | (Walkway) Penetration | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-108C<br>108 | (Walkway) Penetration | Roofing Material | Black | 60% Glass Fibers<br>40% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-109A<br>109 | (Walkway) Penetration | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-109B<br>109 | (Walkway) Penetration | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988363-109C<br>109 | (Walkway) Penetration | Roofing Material | Black | 60% Glass Fibers<br>40% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Henry Angel
Claim Number:
PO Number:
Number of Samples: 230

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-110A<br>110 | (Building A+B) Exterior at Overhang | Stucco | White | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 988363-110B<br>110 | (Building A+B) Exterior at Overhang | Scratch Coat | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-111A<br>111 | (Building A+B) Exterior at Overhang | Stucco | White | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 988363-111B<br>111 | (Building A+B) Exterior at Overhang | Scratch Coat | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-112A<br>112 | (Building A+B) Exterior at Overhang | Stucco | White | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 988363-112B<br>112 | (Building A+B) Exterior at Overhang | Scratch Coat | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Henry Angel
Claim Number:
PO Number:
Number of Samples: 230

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-113A<br>113 | (Building C+D) Exterior at Overhang | Stucco | White | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 988363-113B<br>113 | (Building C+D) Exterior at Overhang | Scratch Coat | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-114A<br>114 | (Building C+D) Exterior at Overhang | Stucco | White | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 988363-114B<br>114 | (Building C+D) Exterior at Overhang | Scratch Coat | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988363-115A<br>115 | (Building C+D) Exterior at Overhang | Stucco | White | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 988363-115B<br>115 | (Building C+D) Exterior at Overhang | Scratch Coat | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Claim Number:
PO Number:
Number of Samples: 230

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-116A<br>116 | (Admin Building) Exterior at Overhang | Stucco | White | 100% Non-Fibrous Material |
| Chrysotile <1 % | | | | |
| **Total Asbestos** **< 1%** | | | | |
| 988363-116B<br>116 | (Admin Building) Exterior at Overhang | Scratch Coat | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** **None Detected** | | | | |
| 988363-117A<br>117 | (Admin Building) Exterior at Overhang | Stucco | White | 100% Non-Fibrous Material |
| Chrysotile <1 % | | | | |
| **Total Asbestos** **< 1%** | | | | |
| 988363-117B<br>117 | (Admin Building) Exterior at Overhang | Scratch Coat | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** **None Detected** | | | | |
| 988363-118A<br>118 | (Admin Building) Exterior at Wall | Stucco | White | 100% Non-Fibrous Material |
| Chrysotile <1 % | | | | |
| **Total Asbestos** **< 1%** | | | | |
| 988363-118B<br>118 | (Admin Building) Exterior at Wall | Scratch Coat | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** **None Detected** | | | | |

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| | |
|---|---|
| Report Number: | 988363 |
| Project Number: | OC164903 |
| Project Name: | Eastwood Elementary School |
| Project Location: | 13552 University Avenue<br>Westminster, 92683 |

| | | | |
|---|---|---|---|
| Date Collected: | 8/18/2023 | Collected By: | Henry Angel |
| Date Received: | 8/21/2023 | Claim Number: | |
| Date Analyzed: | 8/21/2023 | PO Number: | |
| Date Reported: | 8/21/2023 | Number of Samples: | 230 |

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988363-062 | Sample contained yellow glue only; no black glue was detected. | | | |
| 988363-072B | Sample contained joint compound and drywall | | | |

Scott Wu - Analyst

Peter Mai - Laboratory Manager - Approved By

Bulk sample(s) submitted was (were) analyzed in accordance with the procedure outlined in the US Federal Register 40 CFR Appendix E to Subpart E of Part 763; EPA-600/R-93/116 (Method for Determination of Asbestos in Building Materials), and EPA-600/M4-82-020 (US EPA Interim Method for the Determination of Asbestos in Bulk Insulation Samples). Samples were analyzed using Calibrated Visual Estimations (CVES); therefore, results may not be reliable for samples of low asbestos concentration levels. Samples of wall systems containing discrete and separable layers are analyzed separately and reported as composite unless specifically requested by the customer to report analytical results for individual layers. This report applies only to the items tested. Results are representative of the samples submitted and may not represent the entire material from which the samples were collected. "None Detected" means that no asbestos was observed in the sample. "<1%" (less than one percent) or Trace means that asbestos was observed in the sample but the concentration is below the quantifiable level of 1%. This report was issued by a NIST/NVLAP (Lab Code 201014-0) and CA Water Board ELAP (Cert. No. 2893) accredited laboratory and may not be reproduced, except in full without the expressed written consent of Patriot Environmental Laboratory Services, Inc. This report may not be used to claim product certification, approval or endorsement by NIST, NVLAP, CA-ELAP or any government agency..

ASB_Rep_8.23

Lab Use Only: 988363

**Turn Around Time:**
( ) ERS ( ) 24 HRS
( ) 48 HRS ( ) 72 HRS

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## ASBESTOS FIELD BULK SAMPLE COC

| Project Name: | | | | Project #: | | | |
|---|---|---|---|---|---|---|---|
| Eastwood Elementary School | | | | OC169903 | | | |
| **Project Address:** 13552 University Ave | | **City:** Westminster | | | **Zip:** 92683. | | |
| **Sample ID** | **Sample Location** | **Material Type** | **F** | **NF** | **Condition** | **Notes** | |
| 1 | Bldg A-B - Rm-A-1 @ Wall | scrpe | | x | Intact | 6,597Ø | |
| 2 | - A-3 | | | | | | |
| 3 | - A-4 | | | | | | |
| 4 | - A Counselor | | | | | | |
| 5 | - Rm B-2 | | | | | | |
| 6 | - B-3 | | | | | | |
| 7 | - B4 | | | | | | |
| 8 | Bldg A-B Rm-A2 @ Wall | Grey ~~Brown~~ 6in CB w TAn Glue | | x | Intact | 103Ø | |
| 9 | A3 | | | | | | |
| 10 | A4 | | | | | | |
| 11 | B-Speech-@ floor | green + yellow glue | | x | Intact | under grey carpet 6039Ø | |
| 12 | Rm B-1 | | | | | | |
| 13 | B-4 | | | | | | |
| 14 | Rm A-1 @ Wall | Blk 6in CB w TAn Glue | | x | Intact | 42Ø | |
| 15 | A-1 | | | | | | |
| 16 | B-3 | | | | | | |

8/22 3pm

| | | |
|---|---|---|
| Sampled/Relinquished-Print/Sign: Henry Angel | Date: 8-18-23 | Time: 4pm |
| Received/Relinquished-Print/Sign: Aaron Rodriguez | Date: 8-19 | Time: |
| Received-Print/Sign: Vhcona Lunapi | Date: 8/18/23 | Time: 4:34 |

Page _____ of _____

AUG 18 PM4:34

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PATRIOT Environmental Laboratory Services, Inc.

Project #: OC164963

## ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 17 | Bldg A-B - Rm B3 @ floor | Green glue | | X | Intact | Under Blk Carpet 933Ø |
| 18 | " | " | | " | " | " |
| 19 | " | " | | " | " | " |
| 20 | Bldg A-B - Rm A 1 @ floor | Yellow glue | | X | Intact | Under Blue carpet 992Ø |
| 21 | " | " | | " | " | " |
| 22 | " | " | | " | " | " |
| 23 | Rm A-1 @ Ceiling | White 2x4 CT | X | | Intact | 7,565Ø |
| 24 | A-3 | " | " | | " | " |
| 25 | B 2 | " | " | | " | " |
| 26 | Speech @ Ceiling | White 1x1 CT and Mastic | X | | Intact | 400Ø |
| 27 | 1 CL | " | " | | " | " |
| 28 | Counselor | " | " | | " | " |
| 29 | Bldg C+D - Rm C-1 - @ Wall | SC/PL | | X | Intact | 6597Ø |
| 30 | C-3 | " | | " | " | " |
| 31 | C-4 | " | | " | " | " |
| 32 | & DPE | " | | " | " | " |
| 33 | D-2 | " | | " | " | " |
| 34 | D-3 | " | | " | " | " |
| 35 | D4 | " | | " | " | " |
| 36 | Bldg C+D - Rm C-2 @ Wall | BLK CB W yellow glue | | X | Intact | 40Ø |

| | | | |
|---|---|---|---|
| Sampled/Relinquished-Print/Sign: | Henry Angel | Date: 8-18-3 | Time: 9P |
| Received/Relinquished-Print/Sign: | Aaron Rodriguez III | Date: 8-18 | Time: |
| Received-Print/Sign: | Shauna Longaspi | Date: 8/19 | Time: 4:34 |

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PATRIOT Environmental Laboratory Services, Inc.

Project #: OC164903

# ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 37 | Bldg C+D - Rm D-4 - @ Wall | Blk CB w yellow glue | | X | Intact | 40Ø |
| 38 | | | | | | |
| 39 | Rm C2 @ FIR | green yellow glue | | X | | under Blk Carpet 1829Ø |
| 40 | D4 | | | | Intact | |
| 41 | C2 | | | | | |
| 42 | Rm C-1 @ FIR | yellow green glue | | X | | under grey carpet 3,538Ø |
| 43 | C-4 | | | | | |
| 44 | D3 | | | | | |
| 45 | D-PE-@ Wall | grey 6 in CB w TAN glue | | X | | 90Ø |
| 46 | Rm C-1 @ | | | | | |
| 47 | Rm-C4 @ | | | | | |
| 48 | Rm C1 @ Wall | White 1X1 CT | X | | | 8220Ø |
| 49 | Rm D4 Ceiling | | | | | |
| 50 | C-3 ~~D-PE~~ Wall | | | | | |
| 51 | Admin Bldg - printer Rm @ Wall | SC/PC | | X | Intact | 3722Ø ~~6700~~ |
| 52 | Office | | | | | |
| 53 | Hall | | | | | |
| ~~4~~ 54 | Entry | | | | | |
| 55 | Copy Rm | | | | | |
| 56 | Nurses | | | | | |

| | | | |
|---|---|---|---|
| Sampled/Relinquished-Print/Sign: Henry Angel [signature] | Date: 8-18-13 | Time: 4Pm | |
| Received/Relinquished-Print/Sign: Aaron Rodriguez [signature] | Date: 8-18 | Time: | |
| Received-Print/Sign: Chuena Bejacki [signature] | Date: 8/18 | Time: 4:54 | |

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Environmental Laboratory Services, Inc.

Project #: OC164903

# ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 57 | Admin Bldg - Storage @ Ceiling | Sc/PL | | X | Intact | 3722 ~~6500~~ Ø |
| 58 | Printer room @ wall | Blk bin CB w yellow glue | | | Intact | ~~[illegible]~~ 25Ø |
| 59 | Nurses room @ wall | | | | | |
| 60 | Rec. room @ wall | | | | | |
| 61 | Copy @ FIR | yellow Blk glue | | | Intact | under Blk Carpet 50 Ø |
| 62 | Entry ~~Hall~~ | | | | | |
| 63 | Printer Rm | | | | | |
| 64 | Nurses @ FIR | yellow/Blk glue | | | Intact | under Plank 1920Ø |
| 65 | Office | | | | | |
| 66 | Printer Rm | | | | | |
| 67 | Nurses @ Wall | White 1x1 tile w Brown mastic | | | Intact | 1920Ø ~~[illegible]~~ |
| 68 | Rec ~~Recep~~ | | | | | |
| 69 | Printer Rm | | | | | |
| 70 | Nurses @ Wall | DW | | | Intact | 1200 ~~[illegible]~~ Ø |
| 71 | Rec @ | | | | | |
| 72 | Hall @ Ceiling | | | | | |
| 73 | Water heater CL @ Duct | TAN wrap w yellow insulation | | | Intact | 60Ø |
| 74 | | | | | | |
| 75 | | | | | | |
| | | | | | | |

| | | | |
|---|---|---|---|
| Sampled/Relinquished-Print/Sign: | Henry Angel [signature] | Date: 8-18-23 | Time: 9pm |
| Received/Relinquished-Print/Sign: | Aaron Rodriguez II [signature] | Date: 8-18 | Time: |
| Received-Print/Sign: | Shuchi Vegasi [signature] | Date: 8/18 | Time: 4:34 |



Asbestos Bulk Sample COC Rev 1.3.23

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Project #: OC164903

# ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 76 | Bldg A-B @ Roof pitch | White Rolled Roof W/Layers | | X | Intact | 10,970Ø |
| 77 | | | | | | |
| 78 | | | | | | |
| 79 | | | | | | |
| 80 | | | | | | |
| 81 | | | | | | |
| 82 | @ Penetration | White Black mastic | | | | 20Ø |
| 83 | | | | | | |
| 84 | | | | | | |
| 85 | Bldg C+D @ Roof Pitch | White Rolled Roof W layers | | | | 10,970Ø |
| 86 | | | | | | |
| 87 | | | | | | |
| 88 | | | | | | |
| 89 | | | | | | |
| 90 | | | | | | |
| 91 | @ Penetration | White Black mastic | | | | 20Ø |
| 92 | | | | | | |
| 93 | | | | | | |
| | | | | | | |
| | | | | | | |

| | | | |
|---|---|---|---|
| Sampled/Relinquished-Print/Sign: | Henry Angel | Date: 8-18-22 | Time: 4P |
| Received/Relinquished-Print/Sign: | Aaron Rodriguez | Date: | Time: |
| Received-Print/Sign: | Shelena Legaspi | Date: 8/19 | Time: 434 |

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Project #: OC164903

# ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 94 | Admin Bldg @ Roof Pitch | White Rolled Roof W/Layers | | X | Intact | 3,080 ∅ |
| 95 | | | | | | |
| 96 | | | | | | |
| 97 | | | | | | |
| 98 | | | | | | |
| 99 | | | | | | |
| 100 | Admin Bldg - @ Penetration | White/Blk mastic | | | | 10 ∅ |
| 101 | | | | | | |
| 102 | | | | | | |
| 103 | Walkway @ flat Roof | White Rolled Roof W layers | | | | 4385 ∅ |
| 104 | | | | | | |
| 105 | | | | | | |
| 106 | | | | | | |
| 107 | | | | | | |
| 108 | | | | | | |
| 109 | | | | | | |
| 110 | Bldg A+B EXT @ overhang | White stucco w grey Scratch Coat | | X | | 2000 ∅ |
| 111 | | | | | | |
| 112 | | | | | | |
| | | | | | | |

| | | | |
|---|---|---|---|
| Sampled/Relinquished-Print/Sign: Henry Angel | | Date: 8-18-23 | Time: 9[illegible] |
| Received/Relinquished-Print/Sign: Aaron Rodriguez | | Date: | Time: |
| Received-Print/Sign: Sheena Legaspi | | Date: 8/18 | Time: 434 |



Asbestos Bulk Sample COC Rev 1.3.23

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Project #: OC164903

# ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 113 | Bldg C+D EXT @ overhang | White Stucco W Grey Scratch Coat | | X | Intact | 2000Ø |
| 114 | ↓ ↓ ↓ | ↓ ↓ | | ↓ | ↓ | ↓ |
| 115 | | | | | | |
| 116 | Admin Bldg EXT @ overhang | White Stucco W Grey Scratch Coat | | X | Intact | ~~15~~ 350Ø |
| 117 | ↓ ↓ | ↓ ↓ | | ↓ | ↓ | ↓ |
| 118 | Wall | | | | | |
| | Bldg A+B - Class Rm A1-A4, B1-B4 Assume Cork Board 840Ø | | | | | |
| | Bldg A+B Class Rm A1-A4, B1-B4. Assume White Board 420Ø | | | | | |
| | | | | | | |
| | Bldg C+D Class Rm C-1 C4, D1-D4 Assume Cork Boards 2400Ø | | | | | |
| | Bldg C+D Class Rm C1-C4, D1-D4 Assume White Boards 480 | | | | | |
| | ~~Class~~ Bldg C+D Class Rm C1-C4, D1-D4 Assume Chalk Boards 480Ø | | | | | |
| | | | | | | |
| | Admin Bldg Assume Cork Boards 200Ø | | | | | |
| | Admin Bldg ~~Ø~~ Assume White Boards 20Ø | | | | | |
| | Admin Bldg Assume Chalk Board 20Ø | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| | | | |
|---|---|---|---|
| Sampled/Relinquished-Print/Sign: | Henry Angel | Date: 8-18-23 | Time: 4 Pm |
| Received/Relinquished-Print/Sign: | Aaron Rodriguez | Date: | Time: |
| Received-Print/Sign: | Shoena Legaspi | Date: 8/18/23 | Time: 434 |

Certificate of Analysis
**PLM Asbestos Identification**

tel - 310-872-5227
free - 855-507-5227
LALab@patriotlab.com
5830B Hannum Avenue, Culver City, CA 90230

PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 993459
Project Number: OC164903A
Project Name: Eastwood Elementary School
Project Location: 13552 University Avenue
Westminster, 92683

Date Collected: 8/18/2023
Date Received: 9/20/2023
Date Analyzed: 9/20/2023
Date Reported: 9/20/2023

Collected By: Henry Angel
Claim Number: PO No: T6001219
PO Number:
Number of Samples: 9

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 993459-001<br>110A | Building A+B Exterior Overhang | Stucco | White | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |
| 993459-002<br>111A | Building A+B Exterior Overhang | Stucco | White | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |
| 993459-003<br>112A | Building A+B Exterior Overhang | Stucco | White | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |
| 993459-004<br>113A | Building C+D Exterior Overhang | Stucco | White | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |
| 993459-005<br>114A | Building C+D Exterior Overhang | Stucco | White | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |

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**PLM Asbestos Identification**

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PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 993459
Project Number: OC164903A
Project Name: Eastwood Elementary School
Project Location: 13552 University Avenue
Westminster, 92683

Date Collected: 8/18/2023
Date Received: 9/20/2023
Date Analyzed: 9/20/2023
Date Reported: 9/20/2023

Collected By: Henry Angel
Claim Number: PO No: T6001219
PO Number:
Number of Samples: 9

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 993459-006<br>115A | Building C+D Exterior Overhang | Stucco | White | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |
| 993459-007<br>116A | Admin Building Exterior Overhang | Stucco | White | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |
| 993459-008<br>117A | Admin Building Exterior Overhang | Stucco | White | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |
| 993459-009<br>118A | Admin Building Exterior Overhang | Stucco | White | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |

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**PLM Asbestos Identification**

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Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

| | |
|---|---|
| Report Number: | 993459 |
| Project Number: | OC164903A |
| Project Name: | Eastwood Elementary School |
| Project Location: | 13552 University Avenue<br>Westminster, 92683 |

| | | | |
|---|---|---|---|
| Date Collected: | 8/18/2023 | Collected By: | Henry Angel |
| Date Received: | 9/20/2023 | Claim Number: | PO No: T6001219 |
| Date Analyzed: | 9/20/2023 | PO Number: | |
| Date Reported: | 9/20/2023 | Number of Samples: | 9 |

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|

Note: Sample(s) was/were analyzed following the EPA Point Count method using 1000 points to meet the Cal OSHA Detection Limit of 0.1%.

Peter Mai - Analyst

Ian Reyes - Laboratory Director - Approved By

Bulk sample(s) submitted was (were) analyzed in accordance with the procedure outlined in the US Federal Register 40 CFR Appendix E to Subpart E of Part 763; EPA-600/R-93/116 (Method for Determination of Asbestos in Building Materials), and EPA-600/M4-82-020 (US EPA Interim Method for the Determination of Asbestos in Bulk Insulation Samples). Samples were analyzed using Calibrated Visual Estimations (CVES); therefore, results may not be reliable for samples of low asbestos concentration levels. Samples of wall systems containing discrete and separable layers are analyzed separately and reported as composite unless specifically requested by the customer to report analytical results for individual layers. This report applies only to the items tested. Results are representative of the samples submitted and may not represent the entire material from which the samples were collected. "None Detected" means that no asbestos was observed in the sample. "<1%" (less than one percent) or Trace means that asbestos was observed in the sample but the concentration is below the quantifiable level of 1%. This report was issued by a NIST/NVLAP (Lab Code 201014-0) and CA Water Board ELAP (Cert. No. 2893) accredited laboratory and may not be reproduced, except in full without the expressed written consent of Patriot Environmental Laboratory Services, Inc. This report may not be used to claim product certification, approval or endorsement by NIST, NVLAP, CA-ELAP or any government agency..

ASB_Rep_8.23

Lab Use Only: 993459

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( ) 48 HRS ( ) 72 HRS

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Environmental Laboratory Services, Inc

## ASBESTOS FIELD BULK SAMPLE COC – Original Report # 988363

| **Project Name:** Eastwood Elementary School | **Project #:** OC164903A | ***Office Use Only:*** ☐ **MH** |
|---|---|---|
| **Project Address:** 13552 University Ave. | **City:** Westminster | **Zip:** 92683 |

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 110A | Building A + B Exterior Overhang | White Stucco | | X | Intact | |
| 111A | Building A + B Exterior Overhang | White Stucco | | X | Intact | |
| 112A | Building A + B Exterior Overhang | White Stucco | | X | Intact | |
| 113A | Building C + D Exterior Overhang | White Stucco | | X | Intact | |
| 114A | Building C + D Exterior Overhang | White Stucco | | X | Intact | |
| 115A | Building C + D Exterior Overhang | White Stucco | | X | Intact | |
| 116A | Admin Building Exterior Overhang | White Stucco | | X | Intact | |
| 117A | Admin Building Exterior Overhang | White Stucco | | X | Intact | |
| 118A | Admin Building Exterior Overhang | White Stucco | | X | Intact | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

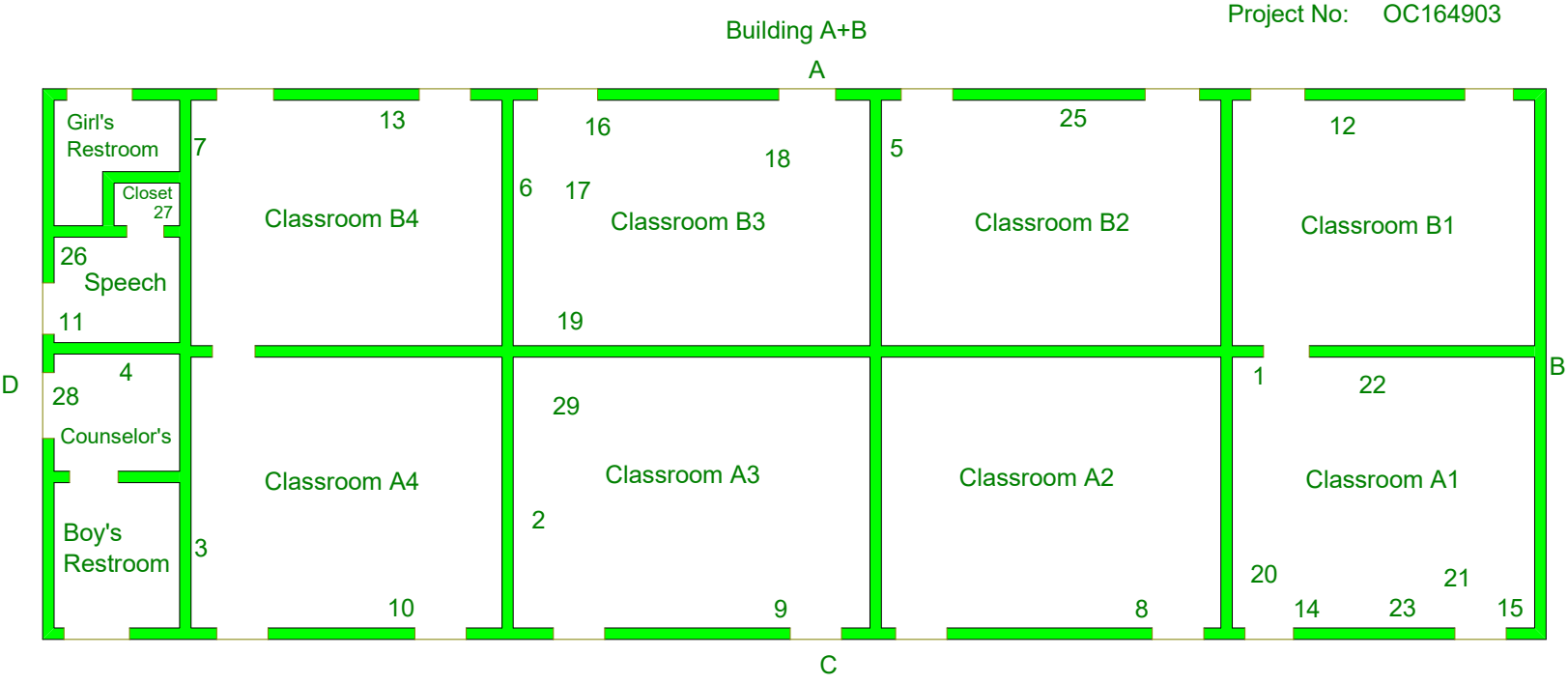
**Sampled/Relinquished By:** Sign: Justin Prado Date: 9/19/2023 Time: 2:24pm

**Samples Received By:** Sign: Peter Mi Peter Mi Date: 9/20/2023 Time: 3:23 pm

Sample Location Drawing
(Drawing Not To Scale)

Eastwood Elementary School
13552 University Avenue
Westminster, CA 92683

Project No: OC164903



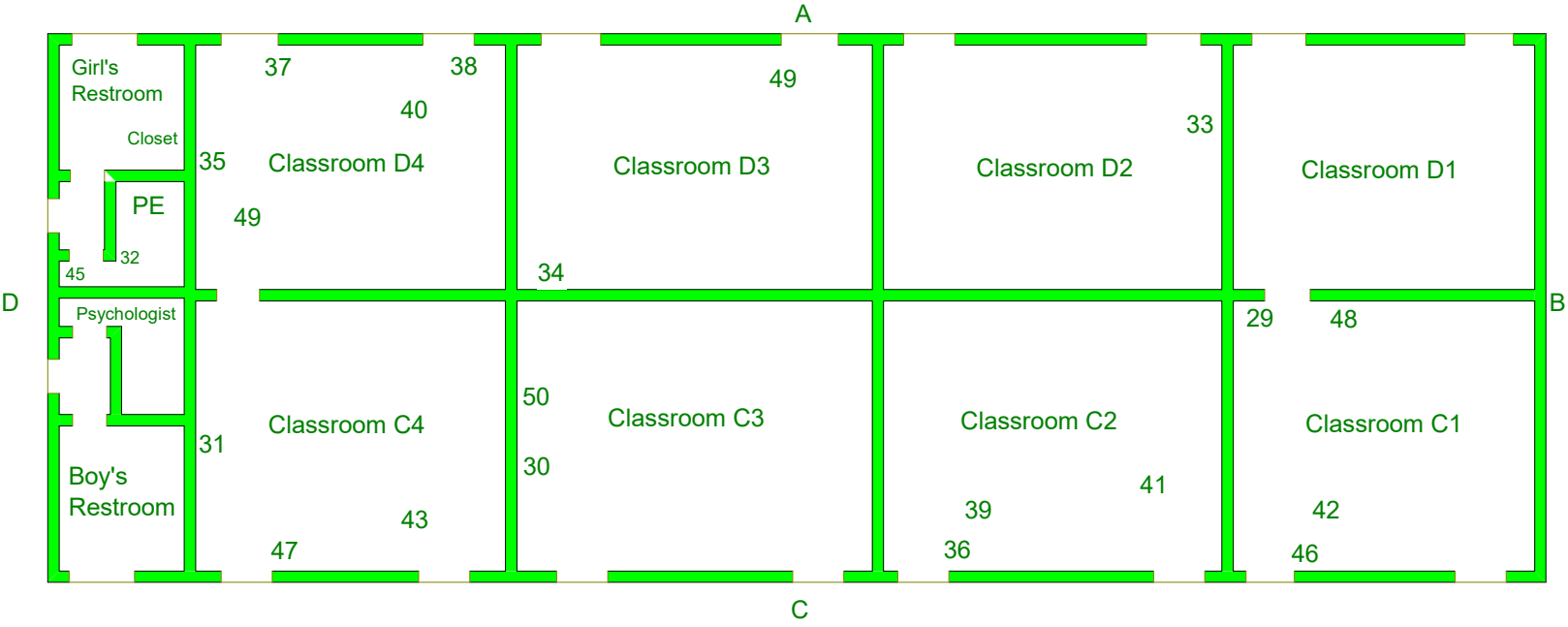

Note: Entries to each room or room equivalent is Side "A" for building interiors.
Sides B, C & D proceed clockwise from side A.

Sample Location Drawing
(Drawing Not To Scale)

Eastwood Elementary School
13552 University Avenue
Westminster, CA 92683

Project No: OC164903

Building C+D



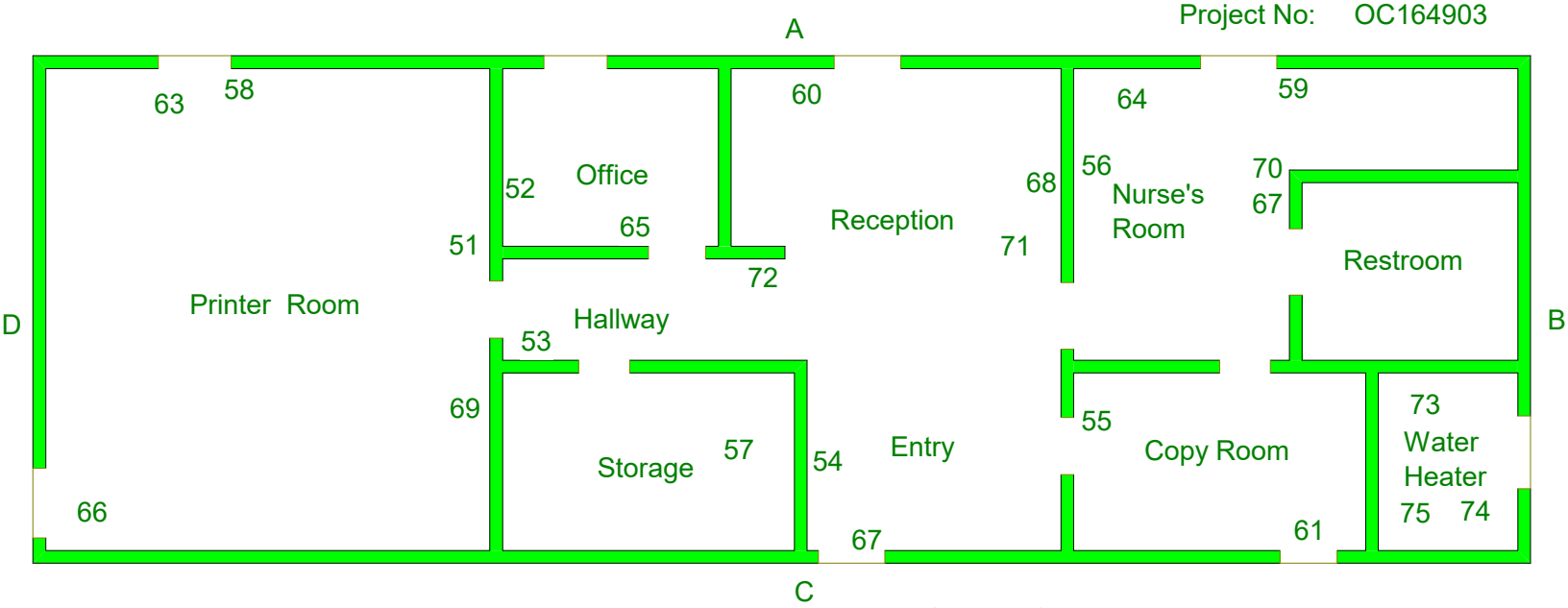

Note: Entries to each room or room equivalent is Side "A" for building interiors.
Sides B, C & D proceed clockwise from side A.

Sample Location Drawing
(Drawing Not to Scale)

Eastwood Elementary School
13552 University Avenue
Westminster, CA 92683

Project No: OC164903

Admin Building

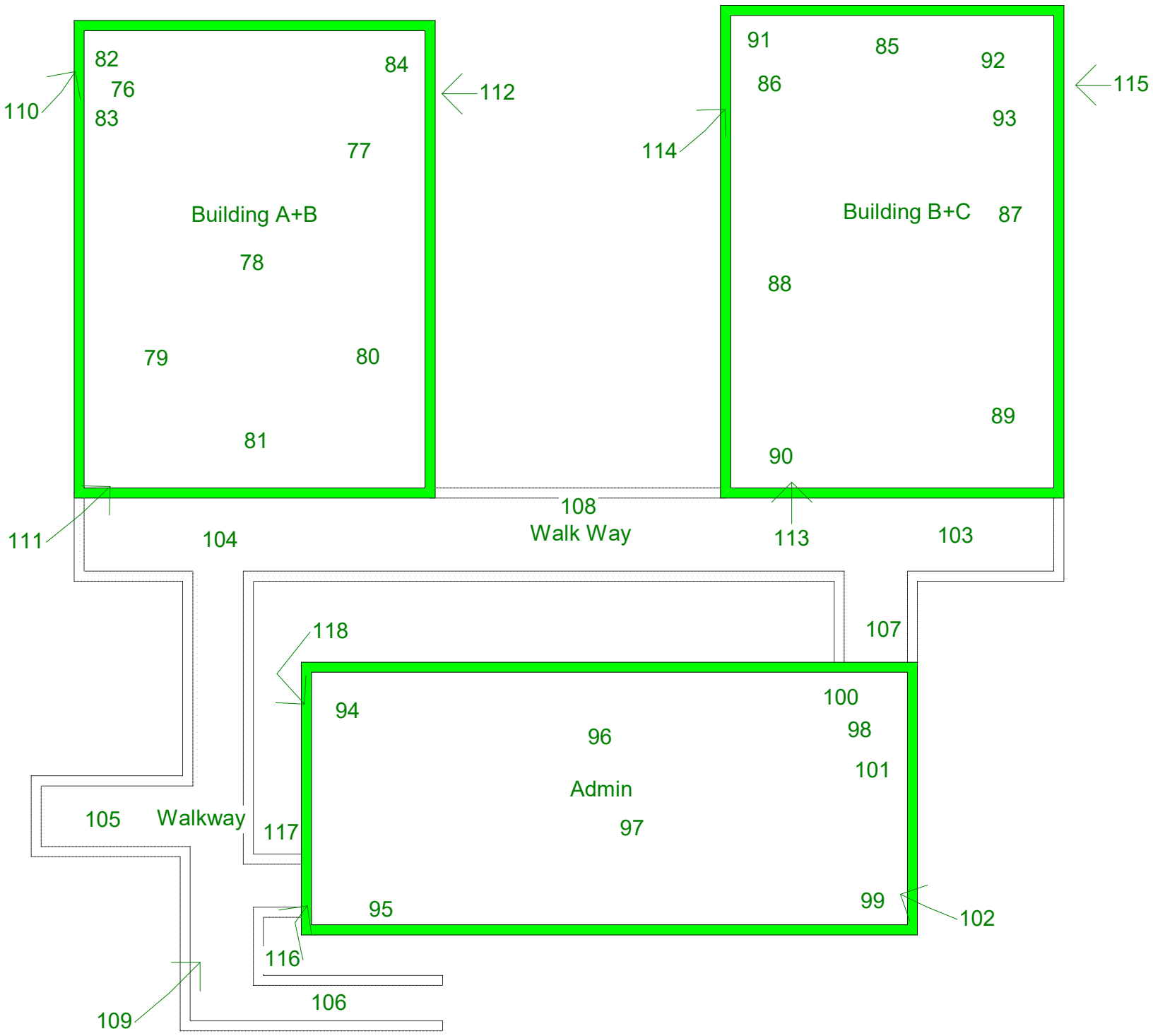



Note: Entries to each room or room equivalent is Side "A" for building interiors.
Sides B, C & D proceed clockwise from side A.

Sample Location Drawing
(Drawing Not To Scale)

Eastwood Elementary School
13552 University Avenue
Westminster, CA 92683

Project No: OC164903



**Henry Angel**
Certified Site Surveillance Technician
Card

CSST #15-5423

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

**Henry J Angel**
Name

Certification No. 15-5423

Expires on 05/12/24

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

# Certificate Of Completion

**Asbestos Contractor/Supervisor Refresher Course**

DOSH #:CA-015-04

**Henry Angel**

ASR0215230001N36096

Online Training — Principal Instructor

Michael W. Horner — Training Director

| Course Start Date | Course End Date | Exam Date | Expiration Date |
|---|---|---|---|
| 2/15/2023 | 2/15/2023 | 2/15/2023 | 2/15/2024 |

This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California

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Important Industry Contacts

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CDPH/CLPPB: Ph# (510) 620-5600 Web: www.cdph.ca.gov/programs/CLPPB

SCAQMD: Ph# (909) 396-3739 Fax#(909) 396-3342

BAAQMD: Ph# (415) 749-4762

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Holds Training Certification For
Asbestos Contractor/Supervisor Refresher Course
Expiration: 2/15/2024
Training Date 2/15/2023
Certificate No. ASR0215230001N36096
Michael W. Horner
Training Director

# Certificate Of Completion

**Asbestos Building Inspector Refresher Course**

DOSH #:CA-015-06

**Henry Angel**

ABIR0215230001N36093

Online Training — Principal Instructor

Michael W. Horner — Training Director

| Course Start Date | Course End Date | Exam Date | Expiration Date |
|---|---|---|---|
| 2/16/2023 | 2/16/2023 | 2/16/2023 | 2/16/2024 |

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Expiration: 2/16/2024
Training Date 2/16/2023
Certificate No. ABIR0215230001N36093
Michael W. Horner
Training Director

# Certificate Of Completion

**Asbestos 16 Hr. Management Planner Course**

DOSH #:CA-015-07

**Henry Angel**

AMPI0413230001N35091

John Daly — Principal Instructor

Michael W. Horner — Training Director

| Course Start Date | Course End Date | Exam Date | Expiration Date |
|---|---|---|---|
| 4/13/2023 | 4/14/2023 | 4/14/2023 | 4/14/2024 |

This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California

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Holds Training Certification For
Asbestos 16 Hr. Management Planner Course
Expiration: 4/14/2024
Training Date 4/13/2023
Certificate No. AMPI0413230001N35091
Michael W. Horner
Training Director

# Certificate Of Completion

**Asbestos 24 Hr. Project Designer Course**

DOSH #:CA-015-09

**Henry Angel**

APDI0426230001N35127

Edwin Velasco — Principal Instructor

Michael W. Horner — Training Director

| Course Start Date | Course End Date | Exam Date | Expiration Date |
|---|---|---|---|
| 4/26/2023 | 4/28/2023 | 4/28/2023 | 4/28/2024 |

This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California

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Asbestos 24 Hr. Project Designer Course
Expiration: 4/28/2024
Training Date 4/26/2023
Certificate No. APDI0426230001N35127
Michael W. Horner
Training Director

**Johana Quintana Hernandez**
Certified Asbestos Consultant Card

CAC #19-6487

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

Name: Johana C Quintana Hernandez

Certification No. 19-6487

Expires on 05/14/24

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

# Certificate Of Completion

## Asbestos Contractor/Supervisor Refresher Course

DOSH #:CA-015-04

**Johana Quintana-Hernandez**

ASR0519230025N35308

| Course Start Date | Course End Date | Exam Date | Expiration Date |
|---|---|---|---|
| 5/19/2023 | 5/19/2023 | 5/19/2023 | 5/19/2024 |

Robert Cisneros, Principal Instructor

Michael W. Horner, Training Director

This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California

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Expiration: 5/19/2024
Training Date: 5/19/2023
Certificate No. ASR0519230025N35308
Michael W. Horner, Training Director

# Certificate Of Completion

## Asbestos Building Inspector Refresher Course

DOSH #:CA-015-06

**Johana Quintana-Hernandez**

ABIR0518230027N35220

| Course Start Date | Course End Date | Exam Date | Expiration Date |
|---|---|---|---|
| 5/18/2023 | 5/18/2023 | 5/18/2023 | 5/18/2024 |

Norm Kramer, Principal Instructor

Michael W. Horner, Training Director

This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California

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Training Date: 5/18/2023
Certificate No. ABIR0518230027N36220
Michael W. Horner, Training Director

# Certificate Of Completion

## Asbestos Management Planner Refresher Course

DOSH #:CA-015-08

**Johana Quintana-Hernandez**

AMPR0518230009N35350

| Course Start Date | Course End Date | Exam Date | Expiration Date |
|---|---|---|---|
| 5/18/2023 | 5/18/2023 | 5/18/2023 | 5/18/2024 |

Norm Kramer, Principal Instructor

Michael W. Horner, Training Director

This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California

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Training Date: 5/18/2023
Certificate No. AMPR0518230009N35350
Michael W. Horner, Training Director

# Certificate Of Completion

## Asbestos Project Designer Refresher Course

DOSH #:CA-015-10

**Johana Quintana-Hernandez**

APDR0517230003N35408

| Course Start Date | Course End Date | Exam Date | Expiration Date |
|---|---|---|---|
| 5/17/2023 | 5/17/2023 | 5/17/2023 | 5/17/2024 |

David Wallach, Principal Instructor

Michael W. Horner, Training Director

This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California

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Asbestos Project Designer Refresher Course
Expiration: 5/17/2024
Training Date: 5/17/2023
Certificate No. APDR0517230003N35408
Michael W. Horner, Training Director

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fax - 714-899-1188
PatriotLab.com
1041 S. Placentia Avenue, Fullerton, CA 92831

PATRIOT
Environmental Laboratory Services, Inc.

# Specifications for Lead Abatement Work at Sequoia Elementary School 5900 Iroquois Road Westminster, CA 92683

**September 26, 2023**
**Patriot Project No. OC164902**
**PO No. T6000778**

Prepared For
**Westminster School District**
14121 Cedarwood Avenue
Westminster, CA 92683

Prepared By
Patriot Environmental Laboratory Services, Inc.
1041 S. Placentia Avenue
Fullerton, California 90230

SECTION 01005

LEAD ABATEMENT AND LEAD RELATED CONSTRUCTION WORK

PART 1 – GENERAL

1.01 SUMMARY

A. Section Includes:

1. Abatement, Lead Related Construction Work, or painting of lead-containing materials and/or Lead Based Paint.

2. Removal and Transportation and disposal of lead-containing materials and/or Lead Based Paint.

3. **Attachment A.**

B. Regulatory Requirements shall include, but not be limited to:

1. Cal/OSHA Title 8, California Code of Regulations (CCR)

2. California Air Resources Board Ambient Air Quality Standard, Title 24 CCR

3. California Department of Public Health, Title 17, CCR

4. Cal/EPA, Title 22 CCR

5. California Labor Code, Division 5, Part 1, as it pertains to safety in employment and with the applicable provisions of the Title 8, CCR as it pertains to Occupational Safety and Health in the work place.

6. HUD – Title X, Residential Lead-Based Paint Hazard Reduction Act of 1992

7. Los Angeles County Public Health Code (Chapter 11)

1.02 SECTION DEFINITIONS AND ACRONYMS

A. AAS - Atomic Absorption Spectrophotometry used for lead paint chip and dust wipe sample analysis.

B. Abatement – Any set of measures designed to reduce or eliminate lead hazards or Lead Based Paint for public and residential buildings, but does not include containment or cleaning.

C. Action Level – Means the Action Level as defined in Title 8, California Code of Regulations, Section 1532.1.

D. ANSI – American National Standards Institute

E. ASTM – American Society for Testing and Materials

F. Building ID number or code – A six digit alphanumeric identification code assigned to each building on an Owner site, also referred to as the insurance code, ID number or similar terms.

G. Certificate – Means the document issued by DPH to an individual meeting the certification requirements as described in CCR Title 17, Sections 35083, 35085, 35087, 35089, or 35091.

H. Clean Room – An uncontaminated area or room which is a part of the worker Decontamination Enclosure System with provisions for storage of worker's street clothes and clean protective equipment.

I. Clearance Inspection – Means visual examination and, as applicable, collection of environmental samples upon completion of the Work of this section.

J. Component – Means a structural element or fixture, including but not limited to, walls, floors, ceilings, doors, window molding, trim, trestles, tanks, stairs, railings, cabinets, gutters, or downspouts.

K. Curtained doorway – A device to allow ingress and egress from one room to another while permitting minimal air movement between the rooms, typically constructed by placing two overlapping sheets of plastic over an exiting or temporarily framed doorway, securing each along the top of the doorway, securing the vertical edge of one sheet along one vertical side of the doorway and securing the vertical edge of the other sheet along the opposite vertical side of the doorway. Other effective designs may be submitted for review.

L. Decontamination – The process of eliminating lead contamination from building surfaces, and property by cloths, mops, or other utensils dampened with water and disposed of as lead contaminated waste.

M. Decontamination Enclosure System – A minimum a two-stage Decontamination unit consisting of a compartment for Decontamination, and a Clean Room. Unless otherwise specified, it shall be adjacent to the Abatement area.

N. Demolition – The wrecking or taking out of any load supporting structural member of a facility together with any related handling operations.

O. Deteriorated Lead Based Paint – Means Lead Based Paint or a surface coating that is cracking, chalking, flaking, chipping, peeling, non-intact, failed, or otherwise separating from the substrate to which it is applied to.

P. DPH – California Department of Public Health

Q. DPH-Approved Course – Means any lead-related construction course that satisfies the requirements specified in CCR Title 17, Sections 35056, 35061, 35066, or 35067 as determined by DPH pursuant to Sections 35076 and 35078.

R. DOSH – California Division of Occupational Safety & Health or Cal/OSHA.

S DOT – Department of Transportation

T. DTSC – California Department of Toxic Substances Control

U. Encapsulating Material – Are coatings or rigid materials adhesively applied to Lead Based Painted surfaces in the Encapsulation process.

V. Encapsulation – The application of an Encapsulating Material to Lead Based Paint to provide a barrier between the Lead Based Paint and the environment.

W. Enclosure – A rigid durable barrier mechanically attached to building Component, with all edges and seams sealed with caulk or other sealant.

X. Fixed Object – A piece of equipment, furniture, or improvement in the Work Area, which cannot be removed from the Work Area.

Y. Hazardous Waste – Means any waste stream determined by an Owner approved laboratory to exceed the regulatory thresholds for lead hazardous waste.

Z. HEPA Filter – Means a filtering system capable of trapping and retaining at least 99.97% of all mono-dispersed particles 0.3 micrometers in diameter or larger.

AA. HEPA Vacuum – A vacuum system furnished with HEPA filtration.

BB. HUD – United States Department of Housing and Urban Development

CC. HVAC – Heating, Ventilation, and Air Conditioning system.

DD. ICP-AES – Means Inductively Coupled Plasma-Atomic Emission Spectroscopy used for heavy metal analysis, including lead.

EE. Lead Based Paint – Means paint or other surface coatings that contain an amount of lead equal to or greater than 1.0 milligrams per square centimeter (1.0 $mg/cm^2$) or equal to or greater than 0.5% by weight.

FF. Lead Containing Paint – Means paint or other surface coatings that contain lead in an amount equal to or greater than 0.06% lead dry weight (600 ppm) but does not meet the definition of Lead Based Paint. In the absence of paint chip or surface coating bulk sample results, any surface coating shall be assumed to be above 0.06% lead dry weight (600 ppm) until surface coating samples are collected and analyzed that indicate otherwise. Lead concentration shall be determined by a method that has an accuracy of not less than plus or minus 25% at 0.06% lead dry weight, to a confidence level of 95%.

GG. Lead Contaminated Dust – Means dust that contains an amount of lead equal to, or greater than, forty micrograms per square foot (40 $\mu g/ft^2$) for interior floor surfaces; two hundred and fifty micrograms per square foot (250 $\mu g/ft^2$) for interior horizontal window surfaces; and eight hundred micrograms per square foot (800 $\mu g/ft^2$) for exterior floor and exterior horizontal window surfaces.

HH. Lead Contaminated Soil – Means bare soil that contains an amount of lead equal to, or greater than, four hundred parts per million (400 ppm) in children's play areas or one thousand parts per million (1000 ppm) in all other areas.

II. Lead Hazard – Means deteriorated Lead Based Paint, Lead Contaminated Dust, Lead Contaminated Soil, the disturbance of Lead Based Paint or Presumed Lead Based Paint without containment, or any other operation that may result in persistent and quantifiable lead exposure.

JJ. Lead Inspection – Means a surface by surface investigation to determine the presence of Lead Based Paint as described in Chapter 7: Lead Based Paint Inspection, " Guidelines for the Evaluation and Control of Lead Based Paint Hazards in Housing," U.S. Department of Housing and Urban Development, 1997 Revision.

KK. Lead Related Construction Work – Means any construction, alteration, painting, Demolition, salvage, Renovation, repair, or maintenance of any residential or public building, including preparation and cleanup, that, by using or disturbing lead-containing material or soil, may result in significant exposure of adults or children to lead.

LL. Lead Safe Schools Program – Means the training program for lead safe working practices as developed by the Labor Occupational Health Program at U.C. Berkley.

MM. Location Code – Refers to a unique four digit numeric code assigned by the Owner to each of its Project sites.

NN. Member – A Component part of a structure complete in itself.

OO. Movable Object – A piece of portable equipment or furniture in the Work Area, which can be removed from the Work Area.

PP. NESHAP – The National Emission Standards for Hazardous Air Pollutants (40 CFR Part 50.12)

QQ. NIOSH – The National Institute for Occupational Safety and Health

RR. Owner Consultant (OC) – Refers to the firm, company or individual designated by the Owner.

SS. Painting Contract – For purposes of this section, a painting contract is a Contract with the Owner to perform painting on existing facilities where Lead Based Paint, Lead Containing Paint, Presumed Lead Based or Presumed Lead Containing Paint will be disturbed or abated.

TT. P.E.L. – Means permissible exposure limits as defined in Title 8, California Code of Regulations, Section 1532.1.

UU. Plasticize – To cover floors, walls, and equipment with plastic sheeting as specified herein.

VV. Portable Mechanical Ventilation System – A portable exhaust system furnished with HEPA filtration and capable of providing a constant air flow into regulated Work Area from adjacent areas and exhausted outside the regulated area.

WW. Presumed Lead Based Paint – Means paint or surface coating affixed to a Component in or on a structure, excluding paint or surface coating affixed to a Component in or on a residential dwelling constructed on or after January 1, 1979, or a school constructed on or after January 1, 1993.

XX. Removal – Means all operations where Lead Based Paint is removed or stripped from structures or substrates including Demolition.

YY. Renovation – Means the modifying of any existing structure, facility, or portion thereof.

ZZ. Replacement – Means Removal of an entire building Component coated with Lead Based Paint and replacing it with a lead free Component.

AAA. SCAQMD – South Coast Air Quality Management District

BBB. STLC – Means Soluble Threshold Limit Concentration used in the State of California in conjunction with TTLC to determine lead hazardous waste limits. If the STLC result is equal to or exceeds 5 mg/L the waste is deemed to be hazardous.

CCC. Surfactant - A chemical wetting agent added to water.

DDD. TCLP – Means Toxicity Characteristic Leaching Procedure used to determine the federal Resources Conservation Recovery Act (RCRA) lead hazardous waste limits. If the results equal or exceed 5 mg/L the waste is deemed to be hazardous.

EEE. TTLC – Means Total Threshold Limit Concentration used in the State of California in conjunction with STLC to determine lead hazardous waste limits. If the results are equal to or exceeds 1000 mg/kg, the waste is deemed to be hazardous.

FFF. Visible Emissions – Any emissions from a known or suspected lead-containing material that is visually discernible.

GGG. Wet Cleaning – The process of eliminating lead contamination from building surfaces and/or objects by cloths, mops, or other utensils dampened with amended water and afterwards being disposed of as hazardous waste.

HHH. Work Area – Means an area where known or Presumed Lead Based Paint is disturbed or Abatement is conducted.

III. X-Ray Fluorescence (XRF) Analyzer – Means a direct reading instrument that determines the lead content of the surface coatings in milligrams per square centimeter ($mg/cm^2$) using the principle of x-ray fluorescence.

1.03 POLICIES AND PROCEDURES

A. The Owner has a zero-tolerance policy for uncontrolled lead releases during Lead Related Construction Work, Lead Containing Paint disturbance, or Abatement activities. A lead release requiring an emergency response is any disturbance resulting in the uncontrolled release of lead containing materials. Upon observation of any visual emissions, immediately stop the Work, vacate the Work Area, and provide written notification to the Owner Consultant.

B. Pre-qualified Abatement Subcontractors are not permitted to subcontract any Abatement Work to a lower tier Subcontractor without the prior written approval of the Owner.

C. Do not furnish a reduced pressurization and filtration system in violation of, or in infringement upon, any patent.

D. Owner Consultant shall provide oversight for all Projects that have the potential to disturb lead containing or Lead Based Paint. Prior to the commencement of such Work, provide written notification to the Owner Consultant.

1.04 COORDINATION

A. Coordinate the Work of this section directly with the Owner and/or Owner Consultant.

1.05 SITE SECURITY

A. The Work Area is restricted to authorized, trained, and protected personnel. A list of authorized personnel shall be established and posted at the entrance of the Work Area by the Owner Consultant prior to commencement of the Work.

B. Report to the Owner Consultant any unauthorized entry into the Work Area. Following notification, a written report of the incident shall be provided to the Owner Consultant.

C. A logbook shall be maintained at the entrance of the Work Area. All persons entering the Work Area shall record name, company affiliation, time in, and time out for each entry and exit.

D. Access to the Abatement Work Area shall be through the Decontamination Enclosure System only. All other means of access shall be blocked or locked so as to prevent entry to or exit from the Work Area. Emergency exits shall be operable from inside the Work Area.

E. Maintain Work Area security during Abatement and/or Lead Related Construction Work. All Work Areas and ancillary equipment accessible to non-authorized personnel shall be protected from unauthorized access by constructing a minimum barrier of 3/8 inch CDX plywood supported by 2" x 4" studs, 16 inches on center. An access door shall be provided with hasp and padlock sufficient to prevent unauthorized entry. A key shall be provided to the Owner and Owner Consultant. Required barriers within an occupied building shall be furnished with sheathing as required by state and local fire protection regulations.

F. Remove all barriers upon the completion of the Work of this section and unless otherwise specified, repair and/or replace to it's original condition, all damage resulting from installation, use, and removal of the barriers.

1.06 EMERGENCY PLANNING

A. Emergency planning and procedures shall be developed, submitted, reviewed, and agreed to by the Owner Consultant prior to the commencement of lead-related construction and/or Abatement Work.

B. Emergency procedures shall be provided in the written languages understood by all employees working on the Project and shall be prominently posted at the entrance of the Decontamination Enclosure System. Prior to entering the Work Area, all parties must read and sign these procedures to acknowledge receipt and understanding of the Work Area layout, location of emergency exits, and emergency procedures.

C. Emergency planning shall consider the effects of fire, explosion, toxic atmospheres, electrical hazards, slips, trips and falls, confined spaces, and heat

related injury. Develop and provide written procedures and training to all employees.

D. Employees shall be trained in evacuation procedures in the event of workplace emergencies.

E. In the event of non-life threatening situations requiring medical treatment, injured or otherwise incapacitated employees shall decontaminate following normal procedures with assistance from fellow workers if necessary, before exiting the Work Area.

F. In the event of life threatening injury or illness requiring immediate medical treatment, worker Decontamination shall be given minimum priority. Provide all measures to stabilize the injured worker, remove them from the Work Area and secure proper medical treatment.

G. Telephone numbers of all emergency response personnel shall be prominently posted at the entrance of the Decontamination Enclosure System along with the location of the nearest telephone. In addition to the 911 emergency number, post the address and telephone number of the nearest emergency medical services provider.

H. Provide at least one (1) employee on the Project site at all times during progress of the Work that is trained and certified in first aid and cardiopulmonary resuscitation (CPR). This employee shall be identified by name and proof of training shall be provided to the Owner Consultant prior to the commencement of the Work of this section.

I. Provide at least one (1) 4A/60BC dry chemical extinguisher in the Decontamination compartment. All workers shall be trained in the proper operation of fire extinguishers.

J. Emergency exits shall be provided and clearly marked with arrows or other clearly visible markings to permit easy identification from anywhere within the Work Area. Exits shall be secured to prevent access from uncontaminated areas while still permitting emergency egress. Exits shall be properly sealed with polyethylene sheeting, which can be cut to permit emergency egress. Emergency exits may lead through the Decontamination Enclosure System or other alternative exits as required by fire officials.

1.07 LICENSING

A. The Work of this section shall be performed by an entity duly licensed in the State of California in accordance with the provisions of Chapter 9 of Division 3 of the Business and Professions Code, as amended.

1.08 QUALIFICATIONS

A. Only safety pre-qualified bidders on the pre-approved bidders list are qualified to be awarded an Abatement Contract or Painting Contract be listed as a Subcontractor for lead Abatement Work or Painting Contract.

B. Where the scope of the Work includes the painting and/or refinishing of existing surfaces, only safety pre-qualified bidders on the pre-approved bidders list are qualified to be awarded a painting Contract or be listed as a Subcontractor for painting Work.

C. Before any workers perform Abatement Work or Work of this section where the P.E.L. is exceeded, submit proof of DPH training and certification. No Work shall be performed until the Owner Consultant has reviewed and approved DPH training and certifications.

D. All workers shall be in personal possession of a wallet DPH certification card at all times while they are performing Abatement Work on the Project site.

E. All workers performing lead Abatement, Lead Related Construction Work, or disturbance of Lead Containing Paint where the exposure level exceeds the P.E.L., shall possess current DPH certification and at least one DPH Certified supervisor shall be available as required by Title 17, CCR subsection 36100.

1.09 TRAINING

A. Lead Related Construction Work shall be performed by personnel with the following training, as applicable:

1. The Lead Related Construction Work, specified herein, shall be performed by individuals trained and qualified in the techniques of lead-related construction, handling, disposal of lead-based and Lead Containing Paint, and the subsequent cleaning of contaminated areas. These individuals must comply with all applicable Federal, State, and Local regulations including, but not limited to, DPH accredited training and certification, and must be capable of and willing to perform the Work of this section.

2. Training specific to the performance of Lead Related Construction Work shall be provided to employees prior to performing the Work of this section.

3. Training specific to the operation and use of fire extinguishers.

1.10 EXPOSURE ASSESSMENT

A. Disturbance of Lead Containing Paint, as defined in this Specification, disturbed by tasks not included in Title 8, CCR Section 1532.1, Subsection (d)(2), shall require worker-exposure monitoring upon initiation of the Work. The workers performing these tasks shall be trained in accordance with the Hazard Communications Standard, Section 5194, including but not limited to, the requirements concerning warning signs and labels, Material Safety Data Sheets (MSDS), and employee information and training.

B. Provide an exposure assessment where the workers are performing Lead Related Construction Work. If historical data, collected within the 12 months prior to the Work performed, indicates worker exposure is below the P.E.L. , and the Work being performed closely resembles the process, type of material, control methods, work practices, and environmental conditions, additional exposure assessment is not required.

C. For Lead Related Construction Work where there is objective data or an exposure assessment demonstrating that the Lead Based Paint, or a specific process, operation or activity other than Abatement involving lead cannot result in employee exposure to lead at or above the P.E.L. during the specific process or handling, employees trained as required by Title 8, CCR Section 1532.1, including the training topics of the Lead-Safe Schools Program, may perform the Lead Related Construction Work.

D. Where Work being performed indicates an exposure above the Action Level, each employee is required to have current blood lead level and Zinc Protoporphorin testing, medical clearance for negative pressure respirator use, and respirator fit testing.

E. If there is no objective data or a negative exposure assessment fulfilling the above requirements, all Lead Related Construction Work identified as a trigger task by Title 8, CCR 1532.1 shall be performed by workers who have received training as required by Title 8 CCR, Section 1532.1. This training shall, at a minimum, include the training topics of the Lead Safe Schools Program. An exposure assessment is required to be performed upon initiation of Work.

F. The required exposure assessment shall not exceed 12 months from the date the samples were collected to the date the Lead Related Construction Work or disturbance of Lead Containing Paint is performed.

G. The submission and review by the Owner Consultant of the objective data or exposure assessment is required prior to performing Lead Related Construction Work.

## 1.11 SUBMITTALS

A. Provide in accordance with Division 01 and this section.

B. Prior to performing the Work of this section, submit the following procedures to the Owner Consultant:

1. An Abatement plan including, but not limited to:

a. A detailed written description of the measures and management procedures, including the containment that will be utilized during Abatement to prevent exposure to lead hazards. Shop Drawings shall indicate the containment locations.

b. A detailed written description of the Abatement, including methods of Abatement, locations of rooms and building Component where Abatement is planned.

2. Required air monitoring procedures (Cal/OSHA mandatory and SCAQMD permits for air filtering equipment).

3. Decontamination procedures for personnel, Work Area, and equipment.

4. Procedures for handling and disposing of waste materials, including disposal facility.

5. Provide the procedures to be used for capturing debris while disturbing overhead materials.

6. Procedures for final Decontamination and cleanup.

7. Procedures for dealing with heat stress during Abatement.

8. Emergency procedures during Abatement.

C. Prior to performing Abatement Work of this section, submit the following Shop Drawings to the Owner Consultant:

1. Preparation of Work Area.

2. Layout and construction of Decontamination Enclosure System and barriers for isolation of the Work Area described in this Specification and required by applicable regulations.

D. Prior to performing the Work of this section, submit the following Product Data to the Owner Consultant:

1. Product Data relative to personal protective equipment including respiratory protection and protective clothing.

2. Material safety data sheets and technical specifications for proposed materials.

E. Prior to performing the Work of this section, submit the following notifications to the Owner Consultant:

1. Evidence of notification to Cal/OSHA as required by Title 8 CCR, Section 1532.1, where applicable.

2. Notify DPH no less than five days in advance of Abatement by submitting an Abatement of Lead Hazard Notification, DPH Form 8551.

F. Prior to performing the Work of this section, submit the following documentation to the Owner Consultant:

1. A list of employees who will participate in the Project, including delineation of experience, training, and assigned responsibilities during the Project.

2. Submit proof satisfactory to the Owner Consultant that required permits, site location, and arrangements for transport and disposal of lead containing waste has been performed in accordance with Federal, State, and local regulations.

3. Submit proof of training for each worker who will perform Abatement or Lead Related Construction Work.

4. Submit manufacturer's certification that HEPA Vacuums, air filtration units and other local exhaust ventilation equipment conform to ANSI Z9.2-79, as applicable.

5. When HEPA Vacuums are utilized on the Project, provide the maintenance and filter change log for these before they are brought onto the Project site.

6. Provide the current SCAQMD permit for each HEPA Vacuum and Portable Mechanical Ventilation System before they are brought onto the Project site.

7. Where biological monitoring is required, submit test result documentation verifying all employees have completed blood lead level and Zinc Protoporphorin tests in accordance with Title 8 CCR, Section 1532.1.

8. All workers are required to submit a signed Code of Conduct form.

G. Prior to performing the Work of this section, submit the following Samples to the Owner Consultant:

1. Submit a Sample of all forms to be used in documenting the Work of this section.

H. Prior to performing the Work of this section, submit the following schedule to the Owner Consultant:

1. An intended sequence of Work and construction schedule. Coordinate both the sequence and durations with the Owner.

I. Prior to performing the Work of this section, submit all other required items to the Owner Consultant.

J. During the performance of the Work of this section, submit the following documentation to the Owner Consultant:

1. Submit documentation from a physician certifying that all employees who wear a negative pressure respirator are medically cleared to do so without suffering adverse health effects as required by DOSH regulations. The certification shall state that the employee or agent may perform Lead Related Construction Work and wear a negative pressure respirator without restrictions. Provide information to the examining physician about unusual conditions in the workplace environment that may impact the employee's ability to perform Work activities.

2. During the performance of the Work of this section, and before additional supervisors or workers are permitted to perform the Work of this section, submit proof of DPH training and certification, where applicable. No additional supervisors or workers are permitted upon the Project site until the Owner Consultant has approved the DPH training and certifications, when required.

3. Submit weekly job progress reports detailing Abatement and/or Lead Related Construction Work activities for Projects that will exceed thirty (30) days. Include review of progress with respect to previously established Milestones and schedules, major problems and action taken, injury reports, equipment breakdown, and air and/or wipe sampling results.

4. Within five (5) workdays of transport and/or disposal, submit copies of all transport manifests, disposal receipts, analytical data, and weight certificates for all hazardous waste removed from the Work Area during

the Lead Related Construction Work and/or Abatement Work. Weight certificates shall indicate by pounds the net weight of waste disposed of from the Project site as indicated on the associated manifest.

5. Submit daily, copies of Abatement Work site entry logbooks with information on worker and visitor access.

6. Submit logs on a weekly basis documenting filter changes on respirators, HEPA vacuums, HEPA filtered ventilation units, water filtration units, and other approved engineering controls, as applicable.

7. Submit results of air and/or wipe sampling data (as applicable) collected during the course of the Abatement and/or Lead Related Construction Work including DOSH compliance air monitoring results.

K. During the performance of the Work of this section, submit all other required items.

1.12 PRE-ABATEMENT MEETING

A. Attend a meeting to be held prior to the commencement of the Work of this section. Attending this meeting shall be representatives of the Owner, the Owner Consultant if applicable, and the testing/monitoring personnel who shall actually participate in the testing/monitoring program. Secure the attendance of the individual who will be the Project site competent person for the Abatement Work.

B. At this meeting provide all required submittals except for those to be submitted during progress of the Work. In addition, provide detailed information concerning:

1. Preparation of Work Area and Shop Drawings.
2. Personal protective equipment, including respiratory protection and protective clothing.
3. Employees who will participate in the Project, including delineation of experience, training, and assigned responsibilities during the Work.
4. Decontamination procedures for personnel, Work Area, and equipment.
5. Abatement methods and procedures to be provided.
6. Required air monitoring procedures (pre-Abatement, Cal/OSHA mandatory, and SCAQMD requirement).
7. Procedures for handling and disposing of waste materials, including disposal facility.
8. Procedures for final Decontamination and cleanup.
9. A sequence of Work activities and performance schedule.
10. Procedures for dealing with heat stress.
11. Emergency procedures.

PART 2 – PRODUCTS

2.01 Materials and Equipment

A. Materials:

1. Deliver all materials in the original sealed packages, containers, or bundles bearing the name of the manufacturer and brand name.

2. Store all materials, subject to damage off the ground, away from wet or damp surfaces, and under cover sufficient enough to prevent damage or contamination. Replacement materials shall be stored outside of the Work Area until area is cleared for normal occupancy.

3. Damaged, deteriorating, or previously used materials shall not be furnished and shall be removed from the Project site and legally disposed of.

4. A sufficient supply of disposable mops, rags, and sponges for Work Area Decontamination shall be provided.

5. Unless otherwise specified, the Owner will provide water for construction purposes. Connect to existing system as required.

6. All products brought onto the Project site shall be accompanied by their respective Material Safety Data Sheet, which shall be maintained on the Project site.

7. All plastic, polyethylene sheeting or visqueen shall be a fire retardant type. Provide documentation from the manufacturer verifying compliance with this requirement.

8. Polyethylene sheeting furnished for the Decontamination Enclosure System shall be opaque white or black in color and shall be a minimum of 6-mil thick.

9. Surfactant (wetting agent) shall be a material that, when tested, demonstrates a surface tension of 29 dynes/cm as tested in its properly mixed concentration, using ASTM method D1331-56-"Surface and Interfacial Tension of Solutions of Surface Active Agents." Where Work Area temperature may cause freezing of the Amended Water solution, the addition of approved antifreeze in a manufacturer recommended amount is permitted.

B. Equipment:

1. Disposal bags shall be of 6-mil polyethylene, pre-printed with labels as required by applicable Cal/OSHA and DOT requirements.

2. Provide labels as per DOT requirements for disposal containers.

3. Provide warning signs as required by Cal/OSHA.

4. Disposal containers shall meet requirements of Title 22, CCR.

5. Provide a sufficient supply of scaffolds, ladders, lifts, and hand tools, as needed to complete the Work.

6. Provide sprayers with pumps capable of providing amended water in sufficient quantity to adequately wet the material to be abated or for Lead Related Construction Work.

7. Provide a sufficient supply of HEPA filtered vacuums to maintain a clean environment in compliance with this section.

8. When an enclosure requiring negative pressure is specified, a sufficient quantity of air-filtration ventilation units furnished with HEPA filtration and operated in accordance with ANSI Z9.2-79 and EPA guidance documents shall be utilized to provide one workplace air change every 15 minutes and creating a pressure differential of -0.02 inches of water everywhere within the enclosure when compared to the area outside the enclosure. A log documenting the filter change history of each unit shall be required before use, and any unit without this log shall have all filters changed and the unit decontaminated.

9. When rental equipment is to be used in Abatement areas or to transport lead contaminated waste, a written notification concerning the intended use of the rental equipment shall be provided to the rental agency with a copy submitted to the Owner.

10. When performing chemical Removal, provide portable eyewash station(s) that meet ANSI standards and are accessible to workers within 10 seconds.

11. Additional safety equipment, as necessary, shall be provided to all workers and authorized visitors.

12. All equipment delivered to the Project site shall be free of all debris suspect of containing lead. No equipment with suspect debris in or on it shall be permitted on Owner properties and/or the Project site.

13. When roll-off disposal containers are delivered to a Project site, all four (4) wheels of each container shall be moved and rested upon a minimum size sheet of plywood of 4' X 4' X 3/4".

14. Lighting shall be provided in an amount sufficient to illuminate the Work Area for the purpose of safe visual working conditions and to permit examination of all surfaces where Work is performed.

2.02 EMPLOYEE PERSONAL PROTECTIVE EQUIPMENT

A. Respiratory Protection:

1. Submit NIOSH approvals for all respiratory protective devices utilized on the Project site. Include manufacturer certification of HEPA filtration capabilities for all cartridges and filters. Filter cartridges shall be furnished with the NIOSH P-100 designation.

2. Provide respiratory protection to all employees in compliance with CCR Title 8, Sections 1532.1 and 5144, as determined by the employee exposure assessment.

3. In the absence of an exposure assessment, base respiratory protection on the requirements of Title 8, CCR Section 1532.1, specifically subsection (d).

4. In addition to P-100 filters, provide the appropriate respirator filter cartridges for exposure to other airborne contaminants generated during the Abatement process.

5. Provide authorized visitors with a respirator and cartridges sufficient to protect individuals from exposure to hazardous environments generated during the Abatement activity.

B. Fit Testing:

1. Perform fit testing in accordance with Title 8 CCR, Section 5144.

2. Submit documentation of respirator fit testing for all individuals entering the Work Area.

3. Maintain and submit to the Owner a copy of the written respiratory protection program.

C. Personal Protective Clothing and Equipment:

1. Provide eye protection to employees sufficient to protect employees from

debris during Work progress when full-face respirators are not being utilized.

2. Provide and require the use of eye protection when employees are working with a material that may splash or fragment, as specified by the Material Safety Data Sheet for a given product, or as required by Title 8, CCR.

3. Spectacle kits and eyeglasses must be provided for employees who wear glasses and who must wear full-face piece respirators. Provide respirators that have been tested and approved by the National Institute of Occupational Safety and Health for use in lead-contaminated atmospheres.

4. Provide full-body disposable protective clothing, including head, body, and foot coverings to all workers and authorized visitors who enter the Work Area, in sizes adequate to accommodate movement without tearing. A new suit shall be provided and donned for each separate entry.

5. If washable clothing is to be worn underneath disposable protective clothing, it shall be provided to all Abatement workers.

6. Provide a clean staging area for workers and others to store street clothes and personal protective equipment.

7. Disposal suits shall be collected in an appropriate disposal container at the entrance of the Abatement Work Area.

8. Abatement workers are required to wear nonskid footwear sufficient to protect them from workplace hazards. Disposable clothing shall be adequately sealed to the footwear to prevent body contamination.

9. Hand protection shall be provided, and workers shall be required to use lotion sufficient quantities to protect the worker when chemicals or other physical hazards exist.

10. As required by the Work site and applicable safety regulations, provide head protection and require the use thereof.

11. All worker protection equipment shall be ANSI approved.

## PART 3 - EXECUTION

### 3.01 LEAD RELATED CONSTRUCTION WORK

A. Work Area Preparation and Work Practices:

1. Where exposure monitoring indicates Worker exposure is below the P.E.L., comply with the requirements of this section and the "Monitoring" section of this Specification.

2. All disturbance of lead containing materials shall be performed using wet methods.

3. Work requiring overhead disturbances shall require a means of capturing debris, thus preventing an uncontrolled release on the worker or the surfaces below.

4. For disturbances utilizing local exhaust dust collection devices the equipment shall be designed and furnished with a HEPA filtered vacuum attachment approved by the manufacturer.

5. Where Components are to be removed, all loose Lead Based Paint and Lead Containing Paint shall be removed by manual means using wet methods.

6. Where a Component is attached and painted onto another surface and the Component is to be removed from the adjoining surface the paint shall be cut with a razor knife to reduce the potential of paint chip debris during Component removal.

7. If a Component being removed will be disposed of rather than reinstalled, manually cut the Component into manageable sections for disposal using wet methods or mechanically cut using a manufactured approved HEPA filtered local exhaust dust collector.

8. If a Component is to be reused, loose paint or rough edges may require scraping or sanding. All scraping or sanding must be performed manually using wet methods or mechanically with a manufactured approved HEPA filtered local exhaust attachment.

9. For solid core surfaces where penetration and/or welding are required the lead containing material shall be removed from the area impacted using wet methods. All layers of Paint shall be removed before impact to the surface commences.

B. Clean Up Procedures:

1. During the entire process of Lead Related Construction Work, clean all debris generated using wet methods and/or HEPA Vacuuming.

2. At the completion of the Lead Related Construction Work, clean all surfaces within the impacted Work Area.

3. When HEPA filtered Vacuums are utilized, vacuum from the area of impact to the outer perimeter of the polyethylene sheeting to remove all visible debris. If vacuuming cannot remove all visible debris, wet wiping will also be required.

4. When wet wiping the Work Area, wipe from the area of impact to the outer perimeter of the polyethylene sheeting to remove all visible debris.

5. All tools and equipment utilized in the Work Area shall be thoroughly wet wiped to remove visible debris.

3.02 ABATEMENT

A. Work Area Preparation:

1. Clean areas to be isolated by HEPA Vacuum prior to installation of polyethylene sheeting.

2. Seal the Work Area with a layer of 6 mil thick polyethylene sheeting prior to any Lead Based or Lead Containing Paint Removal or disturbance by covering all vents, windows, door openings, and any non-Moveable Objects such as lockers, etc.

3. Install a minimum of two (2) layers of 6 mil thick polyethylene sheets on floors, fastened by waterproof tape and other means as necessary to secure the sheeting.

4. The covering on windows, exterior doors, and vents shall be installed from the outside to facilitate Work on them from the inside.

B. Decontamination Enclosure System:

1. At a minimum a two-stage Decontamination Enclosure System consisting of a compartment for Decontamination and a Clean Room shall be constructed and used.

2. Unless otherwise specified, the Decontamination Enclosure System shall be adjacent to the Abatement area.

3. Other enclosure methods may be used if submitted and approved by the Owner Consultant.

C. Removal and Replacement Substrates with Lead Based Paint:

1. Except as noted in the Specifications and Drawings, replace substrate with material of the same or better quality. Substrates include, but are not limited to doors, windows, moldings, casements, mantels, trims, skirting, baseboards, and associated hardware and fasteners.

2. Areas adjacent to substrate Removal shall be protected from damage. Damages shall be repaired or replaced to original condition.

4. Substrates that are removed for Replacement shall be wrapped and stored for disposal. Disposal shall be in accordance with the applicable codes and sections of this Specification.

5. After Removal, the areas disturbed shall be cleaned and a Clearance Inspection performed in accordance with the procedures described in this Specification.

D. Abrasive Removers – Machine Sanders:

1. Machine sanders shall be furnished with a HEPA Vacuum system approved by the manufacturer.

2. Sanding shall only be performed on flat surfaces that allow the HEPA Vacuum dust collection attachment to come into tight contact with the surface being sanded.

3. Remove Lead Based Paint down to the bare substrate surface. If the pigment cannot be removed without damaging the substrate, submit a Request for Clarification to the Owner Consultant.

4. Protect adjacent surfaces from damage from machine sanding. Repair and/or replace all damaged surfaces.

E. Chemical Removal-On-Site Chemical Removal:

1. No chemical Removal shall be performed on interior surfaces unless specifically called for and designed in the Specifications or the Abatement plan of the Project.

2. Owner approved chemical removers shall be compatible with and harmless to the substrate. On masonry surfaces chemical removers shall contain anti-stain formulation that inhibits discoloration.

3. Chemical Removal Agent Neutralizer: Use chemical Removal agent neutralizers on exterior surfaces only. Neutralizers shall be compatible with and not harmful to the substrate. Neutralizers shall be compatible with the Removal agent that has been applied to the surface substrate.

4. Apply chemical Removal agents and neutralizers in accordance with the recommendations of the manufacturer and the following:

   a. Adhere to all health and safety regulations and other Specification section requirements. Stripping agents shall not be allowed to penetrate wood or other fibrous substrates.

   b. Remove the softened paint by scraping or wire brushing.

   c. Protect adjacent areas from damage from Removal agent during the course of Work.

F. Chemical Removal – Off-Site Chemical Removal – Structures of Historical Significance Only:

1. Remove and transport Lead Based Painted Component in accordance with this Specification. Transport the Component to an off-site location. Remove Lead Based Paint by chemical Removal. Neutralize and clean the Component. Return Component to the Project site free of lead-containing materials and reinstall.

2. Take extreme care in removing Component to be taken off-site, to prevent damage. In addition:

   a. Component shall be marked and identified using an inconspicuous engraving, to insure reinstallation in original location.

   b. Hardware associated with a Component shall be bagged and marked.

   c. If required, hardware shall be chemically stripped, cleaned, or reconditioned.

   d. Dispose of hazardous waste generated by the off-site stripping of Lead Based Paint as required by federal, state, and local regulations.

   e. Do not transport hazardous waste to Owner properties and/or facilities.

f. Protect the Component and the adjacent areas from which Component are removed from damage by the Removal and reinstallation procedures.

G. Water Jet Washing:

1. Use to remove Lead Based Paint from exterior masonry substrate.

2. If this procedure is selected, submit a Work plan to the Owner Consultant which includes, but is not limited to, interim controls, paint stabilization, and capture of waste water.

H. Encapsulation – Interior and Exterior - Coated Sealer System:

1. Materials: - Elastic acrylic coating shall be heavy bodied and warranted by the manufacturer to be compatible with the substrate. Elastic acrylic coating shall be long lasting and resist cracking, peeling, algae, and fungus.

2. Submittal: Submit two Samples, 5-1/2" x 8," of the Encapsulation material to the Owner Consultant.

3. Encapsulation coatings shall be applied in accordance with the manufacturer's recommendations and the following conditions:

a. Remove surface dust and debris by scrubbing with a non-residue detergent solution, and rinsing. Remove loose paint until a sound, intact edge is achieved. Remove and replace loose plaster prior to the coating application. Proper safety procedures and lead dust control method in this Specification must be utilized.

b. Apply Encapsulation coatings to the substrate in a continuous coat to seal the surface being coated. The number of coats required and coverage rates shall be in accordance with the manufacturer's recommendations.

c. Repair all materials that lift and peel after the application of the Encapsulation coating by scraping until a sound surface is obtained. The edges shall be feathered, and a reapplication of an Encapsulation coating shall be applied.

d. Remove, or cover as directed, existing fixtures located on surface to be coated, including but not limited to, electrical receptacles, switches, exhaust fans, and hardware.

e. Protect adjacent surfaces and existing fixtures from damage by coating system. Damages to adjacent surfaces and existing fixtures due to lack of protection or improperly applied protection shall be repaired and/or replaced.

I. Encapsulation – Interior and Exterior - Flexible Wall Covering:

1. Materials: Wall covering shall be a reinforced fiber type that forms a secure bond with the substrate, resistant to peeling and formation of mold. The wall covering system shall form a seal over the substrate to which it is applied and not allow the passage of substrate dust into the environment.

2. Submittal: Prior to the start of Work, submit to the Owner Consultant for approval, manufacturer's descriptive literature, and two (2) 5-1/2 inch by 8 inch Samples of each wall covering system.

3. Install Encapsulation covering in accordance with manufacturer's installation instructions and the following provisions:

a. Remove foreign material by washing surfaces with a detergent solution. Remove loose plaster, loose paint, and loose wallpaper. Utilize dust control methods described in this Specification.

b. Repair larger damaged areas flush with surrounding wall surfaces prior to installation of wall covering system.

J. Enclosure Procedures - Gypsum Wallboard (interior surfaces only), plywood paneling, other enclosures of exterior substrate:

1. Surface preparation: Remove foreign material by wash-down with a non-residue detergent solution. Remove loose plaster, loose paint, and loose wallpaper in accordance with this Specification to stabilize the painted surfaces.

2. Affix warning labels stating surface contains "LEAD-BASED PAINT" to the surface prior to being enclosed. Labels shall be 3" x 5" and placed four (4) foot apart at approximately five foot high on the surface being enclosed.

3. Install selected enclosure material in accordance with the relevant section of the Specification. Any disturbance to Lead Based Paint in the execution of this section shall comply with the Lead Related Construction Work section of this Specification.

K. SOIL ABATEMENT

1. Surface Contamination:

   a. Remove Lead Contaminated Soil from the location(s) and to a depth specified in the scope of Work.

   b. In the absence of a specified depth of soil Removal identified in the scope of Work, submit, prior to the bid, a Request for Clarification regarding the quantity of soil to be removed.

   c. Submit a written soil Abatement plan prior to initiation of the Project.

   d. No soil Abatement shall proceed until the Work plan has written approval by the Owner Consultant.

   e. Refer to the waste handling and transportation section of this Specification for the handling, characterization, and disposal of waste.

L. ALTERNATE PROCEDURES

1. If specified procedures cannot be utilized, a request must be made in writing to the Owner Consultant establishing details of the problem encountered and recommended alternatives.

2. Alternate procedures shall provide equivalent or greater protection than procedures that they replace.

3. Prior to implementation, all alternative procedures shall be submitted and approved in writing by the Owner Consultant.

M. CLEAN-UP PROCEDURES

1. During the entire process of the Work of this section, perform continuous cleaning of all debris generated using wet methods and/or HEPA filtered vacuuming.

2. At the completion of the Work of this section, clean all surfaces within the impacted Work Area, including but not limited to, all tools, equipment, and polyethylene sheeting to remove visible debris from the Work Area.

3. All tools and equipment utilized in the Work Area shall be thoroughly cleaned. All non-electrical tools and equipment shall be cleaned monthly and before Removal from the Work Area by HEPA vacuuming and washing using a lead specific detergent or other suitable cleaning agent.

4. Electrical tools and equipment shall be HEPA vacuumed and cleaned by wet wiping limiting the amount of water used to avoid electrical hazards.

5. Remove polyethylene sheeting, except for critical barriers, by folding it into itself beginning with the higher level polyethylene first.

6. Following Removal of polyethylene sheeting a final cleaning of all surfaces in the Abatement workspace shall be performed by HEPA vacuuming, wet wiping, and a final HEPA vacuuming.

7. When HEPA vacuums are utilized, vacuuming shall be performed from the top down and from the area of impact to the outer edge of the polyethylene sheeting.

8. Apply no less than one continuous coat of approved paint or primer to all abated surfaces, where applicable.

9. At the completion of the final clean up, the DPH certified supervisor shall inspect the Work Area for visible debris. If debris is identified, repeat the final cleaning process.

10. Wet wiping, washing, and cleaning required by this section shall include the Removal of all visible debris by cleaning with a lead specific detergent or other suitable cleaning agent in clean water followed by a rinsing with clean water and clean rags, following the same sequence of cleaning as the vacuuming.

11. Refer to the waste handling and transportation section of this Specification for disposal of waste generated by this process.

3.03 WASTE HANDLING AND TRANSPORTATION

A. Characterization of Waste:

1. Until analytical results are available, all waste materials (including water) shall be treated as hazardous.

2. Characterize all waste streams as follows:

a. Collect a representative sample of the waste material.

b. For a pile of waste take one sample of a proportionate combination of Component in the pile. If a large quantity of waste is generated no less than four samples may be required.

c. For large wood Component, such as windows, doors, etc., a representative sample of each Component of similar characteristics, paint history, etc., shall be collected and tested. A full depth core sample, not less than one (1) inch diameter, of the Component is to be collected. The core sample shall include the substrate and paint coatings on both sides of the Component, as applicable.

3. Analysis for the waste characterization samples shall be performed as follows:

a. Waste generated by chemical stripping shall, in addition to the requirements for determining the solid and soluble lead concentrations, shall be tested for corrosiveness and other contaminants, as applicable, resulting from the chemical stripping process.

b. Analyze samples for Total Threshold Limit Concentration (TTLC):

1) If results are less than 50 mg/kg (milligrams/kilogram) the waste is not hazardous and shall be disposed as general construction waste.

2) If sample results are 50 mg/kg or greater, the waste shall be tested for Soluble Threshold Limit Concentration (STLC).

c. Where waste is required to be tested for STLC the following shall apply:

1) If the STLC results is less than 5 mg/L (milligrams/liter) the material shall be disposed at a Class II waste landfill. Evidence of such results of the STLC testing will be required by the landfill before waste is accepted. No further testing is required.

2) If the STLC results are 5 mg/L or greater, the waste is a California regulated waste and the material shall be tested using the federally mandated Toxicity Characterization Leaching Procedure (TCLP).

d. Where waste is required to be tested by TCLP the following shall apply:

1) If the TCLP is less than 5 mg/L, the waste is a California regulated hazardous solid waste (non-RCRA). This

material shall be disposed in a Class I hazardous waste landfill.

2) If the TCLP is equal to or greater than 5 mg/L, the waste is a federally regulated hazardous waste solid (RCRA). The waste shall then be disposed in a Class I hazardous waste landfill.

e. Personal and commercial wash water with lead contamination shall be handled as follows:

1) Filter the waste water through cheesecloth, or other similar filtering media, to remove the gross debris. Separate the waste streams and characterize these in compliance with this Specification.

2) If the waste water is identified as a RCRA or California regulated hazardous waste (Non-RCRA) by STLC and TCLP, filter the waste water by power pumping it through a 20 micron pore size filter. The filtered water shall be tested as described for waste in this Specification.

3) If test results categorize the filtered water as non-hazardous, it may be disposed of in the sewer system.

4) Wastewater, filtered or otherwise, shall not be discharged in storm drains, gutters or allowed to sheet flow over the surface of the ground.

B. Waste Handling:

1. All waste, hazardous and non-hazardous, shall be disposed of at an authorized site in accordance with all provisions of this Specification and applicable Federal, State, and local laws.

2. Any waste determined to be hazardous, through analytical testing, shall be kept in a secured area or lockable container that is inaccessible to all persons other than authorized personnel working on the Project. All hazardous waste containers shall be labeled “Hazardous-Waste – Contains Lead” and labeled with the date waste collection commenced.

3. Hazardous waste shall not remain on the Project site beyond 90 days of the date it was generated. It shall be removed from the Project site and transported to an approved landfill before the 90 days has elapsed.

4. Once hazardous waste is removed from the Project site, ensure it is

disposed of in an approved landfill within 6 days. The waste shall not be transported to another site for commingling of waste from a source other than the site of original generation. This requirement shall be documented by the proper execution of a Uniform Hazardous Waste Manifest signed by the landfill operator.

5. All hazardous and non-hazardous waste shall be kept in different containers and stored in separate locations. Commingling of waste is not permitted.

6. As the Work progresses, to prevent exceeding available storage capacity on the Project site, sealed and labeled containers of lead waste shall be removed and transported to the prearranged disposal location.

7. Containers used for hazardous waste shall meet the requirements of EPA and DOT for hazardous waste storage and transport. At a minimum, disposal packaging of Lead Based Paint fragments, dust, and debris shall be in 6-mil polyethylene (plastic) bags that are airtight and puncture resistant.

8. Any debris or residue observed on containers or surfaces outside of the Work Area resulting from clean up or disposal activities shall immediately be cleaned using HEPA filtered vacuum equipment and/or wet methods as appropriate.

9. Materials not contained in bags or other appropriate disposal containers shall not be placed in lead waste storage containers, nor shall storage containers be used for non-lead waste. To avoid damage, all packaged waste shall be placed, not thrown, into the storage containers.

10. Lead Contaminated Soil shall be transported in plastic lined containers.

C. Transportation of Non-Hazardous Waste:

1. All receipts from the disposal facility, trip tickets, transportation manifests, weight certificates or other documentation of disposal shall be delivered to the Owner Consultant within 48 hours of disposal. The waste manifest shall be signed by the generator, the transporter(s), and the disposal site operator each time the responsibility for the waste material is transferred. If a separate hauler is employed, the name, address, and signature of the transporter shall also appear on the manifest.

D. Transportation of Hazardous Waste:

1. All hazardous waste shall be transported by a RCRA/DOT/EPA certified hazardous waste transporter. Provide evidence that the hazardous waste transporter meets the requirements of this Specification.

2. The Work of this section includes responsibility for all actions of the hazardous waste transporter as it pertains to waste Removal and disposal related to the Work of this Specification.

3. Identify the facility to which the waste generated by this Specification will be taken. Evidence shall be provided verifying the facility is licensed/permitted to receive and handle non-hazardous lead containing waste and/or hazardous lead containing waste as applicable.

4. All waste disposed as hazardous shall be transported under a Uniform Hazardous Waste Manifest. The generator copy of this manifest shall be submitted to the Owner Consultant within five (5) days of transport.

5. All dump receipts, trip tickets, transportation manifests, weight certificates or other documentation of disposal shall be delivered to the Owner Consultant within 48 hours of disposal. The Uniform Hazardous Waste Manifest shall be signed by the generator (or designee), the transporter(s), and the disposal site operator each time the responsibility for the waste material is transferred. If a separate hauler is employed, the name, address, U.S.E.P.A. ID number and signature of the transporter shall also appear on the manifest.

6. The enclosed cargo area of trucks or containers shall be free of debris and lined with 6-mil polyethylene sheeting to prevent contamination from leaking or spilled containers. Floor sheeting shall be installed first and extend up the walls. Wall sheeting shall be overlapped and taped into place.

7. During transport, drums and other containers shall be placed on level surfaces in the cargo area and packed tightly together to prevent shifting and tipping. Large structural Component shall be secured to prevent shifting and bags placed on top.

3.04 MONITORING

A. Project Management and Inspection:

1. Owner has the right to perform air, wipe, and visual monitoring at any time.

2. Owner shall proceed in accordance with the terms and conditions of the Contract Documents whenever the Work or protective measures are not in

compliance with applicable governmental regulations, Contract requirements, and/or threatens the adjoining environment with lead contamination.

3. Where exposure monitoring indicates exposure is at or above the P.E.L., comply with Title 8, CCR Section 1532.1 (e) through (n).

B. Employee – Personal Air Monitoring:

1. Provide air monitoring as required by Title 8 CCR, Section 1532.1. Results shall be provided within ten working days of sampling. If the intent is to utilize such as exposure assessment documentation, and Work is to commence earlier than ten working days, submit results 24 hours in advance of the start of Work.

C. Clearance Inspection:

1. Clearance Inspection for Lead Related Construction Work shall include:

a. A visual inspection of the Work Area by the Owner Consultant prior to occupancy for normal activity.

b. Do not remove barriers designating a regulated Work Area until a written release from the Owner Consultant is provided.

c. The Owner Consultant has the right to collect wipe samples as part of the Clearance Inspection.

2. Clearance Inspection for Abatement shall include:

a. A visual inspection of the Work Area by the Owner Consultant prior to collection of environmental samples (dust, wipe, and/or soil samples, as applicable).

b. Owner Consultant shall collect environmental samples.

c. Results of samples shall comply with Title 17, CCR before the Work Area is released for normal occupancy.

d. Where samples fail to meet regulated clearance levels of Title 17, CCR, clean the Work Area as required for final cleaning in the Clean Up Procedures section of this Specification.

e. Following cleaning, the visual inspection and environmental sampling will be repeated as described above. This process shall continue until the clearance level of Title 17, CCR is provided. Should it be determined by

the Owner Consultant that additional clean up is necessary the contractor will be responsible for any additional costs associated.

3.05 RE-ESTABLISHMENT OF THE WORK AREA AND SYSTEMS

A. Re-establishment of the Work Area shall only occur following the completion of clean-up procedures and after a Clearance Inspection has been performed and documented to the satisfaction of the Owner Consultant.

B. Re-secure Moveable Objects removed from their former positions during area preparation activities.

C. Relocate Moveable Objects that were removed to temporary locations back to their original positions.

C. Reestablish HVAC, mechanical and electrical systems to the condition prior to commencement of the Project.

E. Repair all areas of damage that occurred as a result of Abatement or Lead Related Construction Work.

3.06 PROJECT COMPLETION DOCUMENTATION

A. Provide to the Owner Consultant all of the following close-out documentation:

1. Filter change logs for all air filtration units, water filtration units and respirators

2. Foreman's daily job reports

3. Employee entry/exit logs for all Work Areas

4. Visitor entry/exit logs for all Work Area

5. Air sample results for personnel

6. Copies of all hazardous and non-hazardous waste manifest

7. All hazardous waste weight tickets

8. Analytical data and chain of custody for waste characterization

9. All signed Daily Personnel Report Forms

B. Provide Owner Consultant with as-built drawings identifying surfaces where Lead Based Paint has been encapsulated or enclosed.

END OF SECTION

**ATTACHMENT A**

**Scope of Work for LEAD Abatement**

**Sequoia Elementary School**

| | |
|---|---|
| **Project**: Sequoia Elementary School | **Date**: August 21 & 22, 2023 |
| **Address**: 5900 Iroquois Road, Westminster, California 92683 | |

The work covered by this scope of work includes the removal of painted material in accordance with the attached Specifications for Lead Abatement and applicable federal, state, and local regulations as they apply to the above-referenced site. This scope of work includes the above-referenced specifications and cannot be used separately. In case of conflict between this scope of work and the attached specifications, the specifications shall prevail.

A copy of this Scope of Work is to be posted on-site during the abatement work.

## I. Summary of Work

Perform removal of lead-based painted materials in all areas impacted by the upcoming renovation project.

## II. Submittals

**Pre-job Submittals (as designated)**

| | |
|---|---|
| X | Copy of current state contractor licensing board license |
| X | Copies of current California Department of Public Health lead worker/supervisor and training certificates |
| X | Abatement work schedule |
| X | Copies of worker's annual medical exam including respirator approval and worker's blood lead test within the past year |
| X | Copies of worker's 12-month respirator fit-test records |
| X | Material safety data sheets (MSDS) for all chemicals to be used |
| X | Emergency phone and pager numbers |

**Periodic Submittals (as applicable)**

| | |
|---|---|
| X | Personal Air Monitoring Results |
| X | Updated worker documentation (as needed) |
| X | Work area access logs (daily) |

**Project Completion Submittals (within two weeks of project completion)**

| | |
|---|---|
| X | Certificate of Completion |
| X | Disposal information |
| X | Copies of completed waste manifests (if any) |
| X | Waste profile data (TTLC, TCLP, WET), as applicable. |
| X | Personal air sampling results |

## III Schedule

| |
|---|
| **Start Date:** To be Announced |
| **End Date:** To be Announced |
| **Time Frame:** To be Announced |

## IV Project Contacts

| Company | Name | Phone Number |
|---|---|---|
| Westminster School District | Brian Johnson | (714) 264-4036 |
| Patriot Environmental Laboratory Services, Inc. | Fernando Najera | (714) 899-8900 |

## V Site Access

Arrange site access with the school district at project commencement.

## VI Special Conditions

Adequate staffing and equipment must be dedicated to these projects to ensure completion of removal work in accordance with the project schedule. It is anticipated that dust control will be necessary, in order to prevent the release of lead dust.

## VII Scope of Work

**Lead Abatement**

| | |
|---|---|
| **Area 1:** | Building K1-K2 |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Yellow Ceramic Wall Tile |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | K1 Boy's Restroom |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 2:** | Building A1-A3, A4-A5, A6-A8, and Library |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | White Metal Wall |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Building A1-A3: Classroom A1<br>Building A4-A5: Classrooms A4 and A5<br>Building A6-A8: Classroom A8<br>Library |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 3:** | Building A1-A3, A6-A8, and B6-B8 |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Pink Metal Wall |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Building A1-A3: Classrooms A2 and A3<br>Building A6-A8: Classroom A6<br>Building B6-B8: Classroom B7 |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 4:** | Building A4-A5, B4-B5, and Admin Building |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Pink Ceramic Wall Tile |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Building A4-A5: Boy's and Girl's Restrooms<br>Building B4-B5: Boy's Restroom<br>Admin Building: Nurse's Office Restroom |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 5:** | Building B1-B3 |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Grey Metal Wall |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Classroom B2 |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 6:** | Building B1-B3 and B4-B5 |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Blue Metal Wall |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Classroom B4 and Exterior of Building B1-B3 |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 7:** | Building B4-B5 |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Red Ceramic Wall Tile |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Boy's Restroom |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 8:** | Library Building, Covered Walkway |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Blue Metal Support Post |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Exterior of Library Building and Covered Walkway |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 9:** | Building B4-B5 |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Blue Metal Door Jamb/Casing |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Exterior of Building B4-B5 |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 10:** | Building B4-B5 |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | White Ceramic Coated Drinking Fountain |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Exterior of Building B4-B5 |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 11:** | Building B4-B5 |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | White Ceramic Coated Sink |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Exterior of Building B4-B5 Janitor's Closet |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

## VIII Monitoring and Clearance Requirements

| Area | Inspection | Clearance Type and Number |
|---|---|---|
| 1 – 11 | Visual | 3-5 dust wipe samples per work area |

tel - 714-899-8900
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PatriotLab.com
1041 S. Placentia Avenue, Fullerton, CA 92831

PATRIOT
Environmental Laboratory Services, Inc.

**September 27, 2023**

Brian Johnson
**Westminster School District**
14121 Cedarwood Avenue
Westminster, CA 92683

Re: **Limited Asbestos Survey**
Sequoia Elementary School
5900 Iroquois Road
Westminster, CA 92683

PO No: T6000778

Project No: OC164902

Dear Mr. Johnson,

On August 21, 22, 23 & 24, 2023, California DOSH Certified Site Surveillance Technician, Mr. Henry Angel (CSST #15-5423) and Mr. Daniel Gonzales (CSST #06-4103) of Patriot Environmental Laboratory Services, Inc. (Patriot) performed a limited asbestos inspection at the above subject property located in Westminster, California. **The purpose of the inspection was to determine if asbestos is present in the building materials for an upcoming renovation at the subject property.**

***Summary of Positive Results***

The following asbestos-containing materials were identified in Building K1, K2:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Black Mastic | 37B-39B | Classrooms K1 & K2 and Storage Floors Under Black Carpet | Intact | NF | 1,800 SF | 3-5% Chrysotile |
| Gray Window Putty | 315-317 | Classrooms K1 and K2 Exterior Windows | Intact | F | 80 SF | 3% Chrysotile |
| Blue Transite Panels | N/A | Exterior Walls | Intact | NF | 240 SF | *ASSUMED |
| Whiteboards | N/A | Classroom K1 and K2 Walls | Intact | NF | 480 SF | *ASSUMED |
| F = Friable<br>NF = Non-Friable | | | | | | |

***Ms. Johana Quintana-Hernandez CAC (19-6487) of Patriot is assuming the blue transite panel and whiteboard materials are Asbestos-Containing Materials (ACM as defined by Rule 1403 - is a material that contains greater than 1% asbestos content) and therefore an asbestos abatement contractor must remove the material prior to disturbance.**

The following asbestos-containing materials were identified in Building A1, A2, A3:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Black Glue | 45B-47B | Classroom A3 and Speech Floors Under Grey Carpet | Intact | NF | 900 SF | 5% Chrysotile |
| Black Mastic | 51B-53B | Classroom A1 Floor Under Blue Carpet | Intact | NF | 900 SF | 5% Chrysotile |
| Gray Window Putty | 318-320 | Classrooms A1, A2, and A4 Exterior Windows | Intact | F | 120 SF | 3% Chrysotile |
| Blue Transite Panels | N/A | Exterior Walls | Intact | NF | 360 SF | *ASSUMED |
| Whiteboards | N/A | Classroom A1, A2 and A3 Walls | Intact | NF | 480 SF | *ASSUMED |
| F = Friable<br>NF = Non-Friable | | | | | | |

***Ms. Johana Quintana-Hernandez CAC (19-6487) of Patriot is assuming the blue transite panel and whiteboard materials are Asbestos-Containing Materials (ACM as defined by Rule 1403 - is a material that contains greater than 1% asbestos content) and therefore an asbestos abatement contractor must remove the material prior to disturbance.**

The following asbestos-containing materials were identified in Building A4,A5:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Gray Window Putty | 294-296 | Classrooms A4 and A5 Exterior Windows | Intact | F | 80 SF | 3% Chrysotile |
| Blue Transite Panels | N/A | Exterior Walls | Intact | NF | 240 SF | *ASSUMED |
| Whiteboards | N/A | Classrooms A4 and A5 Walls | Intact | NF | 480 SF | *ASSUMED |
| F = Friable<br>NF = Non-Friable | | | | | | |

***Ms. Johana Quintana-Hernandez CAC (19-6487) of Patriot is assuming the blue transite panel and whiteboard materials are Asbestos-Containing Materials (ACM as defined by Rule 1403 - is a material that contains greater than 1% asbestos content) and therefore an asbestos abatement contractor must remove the material prior to disturbance.**

The following asbestos-containing materials were identified in Building A6, A7, A8:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Multi-Colored Carpet Mastic | 89-91 | Classrooms A6, A7, and A8 Floors | Intact | NF | 2,700 SF | 3% Chrysotile |
| Gray Window Putty | 297-299 | Classrooms A6, A7, and A8 Exterior Windows | Intact | F | 120 SF | 3% Chrysotile |
| Blue Transite Panels | N/A | Exterior Walls | Intact | NF | 360 SF | *ASSUMED |
| Whiteboards | N/A | Classrooms A6, A7, and A8 Walls | Intact | NF | 720 SF | *ASSUMED |
| F = Friable<br>NF = Non-Friable | | | | | | |

***Ms. Johana Quintana-Hernandez CAC (19-6487) of Patriot is assuming the blue transite panel and whiteboard materials are Asbestos-Containing Materials (ACM as defined by Rule 1403 - is a material that contains greater than 1% asbestos content) and therefore an asbestos abatement contractor must remove the material prior to disturbance.**

The following asbestos-containing materials were identified in Building B1, B2, B3:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Black Mastic | 122B-124B | Classroom B2 and B3 Floors Under Blue Carpet | Intact | NF | 1,800 SF | 5% Chrysotile |
| Black Mastic | 134B-136B | Lounge B1 Floor Under Grey Carpet | Intact | F | 900 SF | 5% Chrysotile |
| Gray Window Putty | 303-305 | Classrooms B1, B2, and B3 Exterior Windows | Intact | F | 120 SF | 3% Chrysotile |
| Blue Transite Panels | N/A | Exterior Walls | Intact | NF | 360 SF | *ASSUMED |
| Whiteboards | N/A | Classrooms B1, B2, and B3 Walls | Intact | NF | 720 SF | *ASSUMED |
| F = Friable<br>NF = Non-Friable | | | | | | |

***Ms. Johana Quintana-Hernandez CAC (19-6487) of Patriot is assuming the blue transite panel and whiteboard materials are Asbestos-Containing Materials (ACM as defined by Rule 1403 - is a material that contains greater than 1% asbestos content) and therefore an asbestos abatement contractor must remove the material prior to disturbance.**

The following asbestos-containing materials were identified in Library and Innovation Building:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Multi-Colored Carpet Mastic | 166-168 | Library Floor | Intact | NF | 900 SF | 5% Chrysotile |
| Multi-Colored Floor Mastic | 169-171 | Library and Innovation Lab Floors | Intact | NF | 900 SF | 5% Chrysotile |
| Gray Window Putty | 300-302 | Library Exterior Windows | Intact | F | 80 SF | 3% Chrysotile |
| Blue Transite Panels | N/A | Exterior Walls | Intact | NF | 240 SF | *ASSUMED |
| Whiteboards | N/A | Library and Innovation Lab Walls | Intact | NF | 480 SF | *ASSUMED |
| F = Friable<br>NF = Non-Friable | | | | | | |

***Ms. Johana Quintana-Hernandez CAC (19-6487) of Patriot is assuming the blue transite panel and whiteboard materials are Asbestos-Containing Materials (ACM as defined by Rule 1403 - is a material that contains greater than 1% asbestos content) and therefore an asbestos abatement contractor must remove the material prior to disturbance.**

The following asbestos-containing materials were identified in Building B4,B5:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Multi-Colored Carpet Mastic | 186-188 | Classroom B4 and B5 Floors | Intact | NF | 1,800 SF | 5% Chrysotile |
| Gray Window Putty | 306-308 | Classrooms B4 and B5 Exterior Windows | Intact | F | 80 SF | 3% Chrysotile |
| Blue Transite Panels | N/A | Exterior Walls | Intact | NF | 240 SF | *ASSUMED |
| Whiteboards | N/A | Classrooms B4 and B5 Walls | Intact | NF | 480 SF | *ASSUMED |
| F = Friable<br>NF = Non-Friable | | | | | | |

***Ms. Johana Quintana-Hernandez CAC (19-6487) of Patriot is assuming the blue transite panel and whiteboard materials are Asbestos-Containing Materials (ACM as defined by Rule 1403 - is a material that contains greater than 1% asbestos content) and therefore an asbestos abatement contractor must remove the material prior to disturbance.**

The following asbestos-containing materials were identified in Building B6,B7,B8:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Black Mastic | 210B-212B | Classrooms B7 and B8 Floors Under Blue Carpet | Intact | NF | 1,800 SF | 5% Chrysotile |
| Black Glue | 216B-218B | Classroom B6 Floor Under Black Carpet | Intact | NF | 900 SF | 5% Chrysotile |
| Gray Window Putty | 309-311 | Classrooms B6, B7, and B8 Exterior Windows | Intact | F | 120 SF | 3% Chrysotile |
| Blue Transite Panels | N/A | Exterior Walls | Intact | NF | 360 SF | *ASSUMED |
| Whiteboards | N/A | Classrooms B6, B7, and B8 Walls | Intact | NF | 720 SF | *ASSUMED |
| F = Friable<br>NF = Non-Friable | | | | | | |

***Ms. Johana Quintana-Hernandez CAC (19-6487) of Patriot is assuming the blue transite panel and whiteboard materials are Asbestos-Containing Materials (ACM as defined by Rule 1403 - is a material that contains greater than 1% asbestos content) and therefore an asbestos abatement contractor must remove the material prior to disturbance.**

The following asbestos-containing materials were identified in Admin Building:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Gray Window Putty | 312-314 | Admin Building Exterior Windows | Intact | F | 120 SF | 3% Chrysotile |
| Blue Transite Panels | N/A | Exterior Walls | Intact | NF | 240 SF | *ASSUMED |
| Whiteboards | N/A | Admin Building Walls | Intact | NF | 240 SF | *ASSUMED |
| F = Friable<br>NF = Non-Friable | | | | | | |

***Ms. Johana Quintana-Hernandez CAC (19-6487) of Patriot is assuming the blue transite panel and whiteboard materials are Asbestos-Containing Materials (ACM as defined by Rule 1403 - is a material that contains greater than 1% asbestos content) and therefore an asbestos abatement contractor must remove the material prior to disturbance.**

**Note: The quantities of asbestos-containing materials identified in this report are approximations. It is the responsibility of the abatement contractor to verify the actual quantities of materials to be abated during their job walk for preparation of their bid.**

***Summary of Negative Results***

The following materials **were not** identified as asbestos-containing materials from the Admin Building:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Skim Coat | 1A-7A | Office, Lobby, Rec Room, Storage, Printer Room, Principal's Office, and CL-1 Walls | Intact | NF | 3,000 SF | None Detected |
| Plaster | 1B-7B | Office, Lobby, Rec Room, Storage, Printer Room, Principal's Office, and CL-1 Walls | Intact | NF | 3,000 SF | None Detected |
| Button Board | 1C-7C | Office, Lobby, Rec Room, Storage, Printer Room, Principal's Office, and CL-1 Walls | Intact | NF | 3,000 SF | None Detected |
| White 2'x4' Ceiling Tile | 8-10 | Office, Hallway, and Printer Room Ceilings | Intact | F | 2,400 SF | None Detected |
| Yellow Insulation | 11-13 | Office, Hallway, and Printer Room Ceilings | Intact | F | 2,400 SF | None Detected |
| Black 6" Cove Base | 14A-16A | Office, Nurse's Office, and Printer Room Walls | Intact | NF | 20 SF | None Detected |
| White Glue | 14B-16B | Office, Nurse's Office, and Printer Room Walls | Intact | NF | 20 SF | None Detected |
| Green Glue | 17-19 | Nurse's Office, Rec Room, and Printer Room Floors Under Planks | Intact | NF | 2,300 SF | None Detected |
| Tan Glue | 20-22 | Office, Lobby, and Printer Room Floors Under Black Carpet | Intact | NF | 54 SF | None Detected |
| Scratch Coat | 285A-287A | Exterior Walls and Ceiling | Intact | NF | 600 SF | None Detected |
| Stucco | 285B-287B | Exterior Walls and Ceiling | Intact | NF | 600 SF | None Detected |
| Black Penetration Mastic | 336-338 | Flat Roof Penetrations | Intact | NF | 50 SF | None Detected |
| White Rolled Roof | 339A-343A | Flat Roof | Intact | NF | 2,600 SF | None Detected |
| Roofing Material | 339B-343B | Flat Roof | Intact | NF | 2,600 SF | None Detected |
| Roofing Material | 339C-343C | Flat Roof | Intact | NF | 2,600 SF | None Detected |
| Roofing Material | 339D-343D | Flat Roof | Intact | NF | 2,600 SF | None Detected |

| |
|---|
| F = Friable<br>NF = Non-Friable |

The following materials **were not** identified as asbestos-containing materials from the Building K1 and K2:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Skim Coat | 23A-27A | Classroom K1, K2, and K2 Restroom, Storage, and Closet Walls | Intact | NF | 1,500 SF | None Detected |
| Plaster | 23B-27B | Classroom K1, K2, and K2 Restroom, Storage, and Closet Walls | Intact | NF | 1,500 SF | None Detected |
| White 2'x4' Ceiling Tile | 28-30 | Classroom K1 & K2 and Storage Ceilings | Intact | F | 1,800 SF | None Detected |
| Yellow Insulation | 31-33 | Classroom K1 & K2 and Storage Ceilings | Intact | NF | 1,800 SF | None Detected |
| Black 6" Cove Base | 34A-36A | Classroom K1 & K2 and Storage Walls | Intact | NF | 50 SF | None Detected |
| Tan Glue | 34B-36B | Classroom K1 & K2 and Storage Walls | Intact | NF | 50 SF | None Detected |
| Green Mastic | 37A-39A | Classroom K1 & K2 and Storage Floors Under Black Carpet | Intact | NF | 1,800 SF | None Detected |
| Scratch Coat | 288A-290A | Exterior Walls and Ceiling | Intact | NF | 600 SF | None Detected |
| Stucco | 288B-290B | Exterior Walls and Ceiling | Intact | NF | 600 SF | None Detected |
| Black Penetration Mastic | 354-356 | Flat Roof Penetrations | Intact | NF | 50 SF | None Detected |
| White Rolled Roof | 357A-361A | Flat Roof | Intact | NF | 2,800 SF | None Detected |
| Roofing Material | 357A-361A | Flat Roof | Intact | NF | 2,800 SF | None Detected |
| Roofing Material | 357A-361A | Flat Roof | Intact | NF | 2,800 SF | None Detected |
| Roofing Material | 357A-361A | Flat Roof | Intact | NF | 2,800 SF | None Detected |
| F = Friable<br>NF = Non-Friable | | | | | | |

The following materials **were not** identified as asbestos-containing materials from the Building A1, A2, A3:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Skim Coat | 40A-44A | Classrooms A3 & A2, Storage, and Speech Walls and Ceilings | Intact | NF | 900 SF | None Detected |
| Plaster | 40B-44B | Classrooms A3 & A2, Storage, and Speech Walls and Ceilings | Intact | NF | 900 SF | None Detected |
| Yellow Glue | 45A-47A | Classroom A3 and Speech Floors Under Grey Carpet | Intact | NF | 900 SF | None Detected |
| Green/Black Mastic | 48-50 | Classroom A2 Under Black/Grey Carpet | Intact | NF | 900 SF | None Detected |
| Green Mastic | 51A-53A | Classroom A1 Floor Under Blue Carpet | Intact | NF | 900 SF | None Detected |
| Black 6" Cove Base | 54A-56A | Classroom A1 and A2 Walls | Intact | NF | 18 SF | None Detected |
| Tan Glue | 54B-56B | Classroom A1 and A2 Walls | Intact | NF | 18 SF | None Detected |
| Grey 6" Cove Base | 57A-59A | Classroom A3 and Speech Walls | Intact | NF | 26 SF | None Detected |
| Tan Glue | 57B-59B | Classroom A3 and Speech Walls | Intact | NF | 26 SF | None Detected |
| 1'x1' Wall Tiles | 107-109 | Classrooms A1, A2, and A3 Walls | Intact | F | 900 SF | None Detected |
| Brown Wall Tile Adhesive | 110-112 | Classrooms A1, A2, and A3 Walls | Intact | F | 900 SF | None Detected |
| White 2'x4' Ceiling Tile | 113-115 | Classrooms A1, A2, and A3 Ceilings | Intact | F | 2,700 SF | None Detected |
| White Rolled Roof | 222A-227A | Flat Roof | Intact | NF | 2,700 SF | None Detected |
| Roofing Material | 222B-227B | Flat Roof | Intact | NF | 2,700 SF | None Detected |
| Roofing Material | 222C-227C | Flat Roof | Intact | NF | 2,700 SF | None Detected |
| Roofing Material | 222D-227D | Flat Roof | Intact | NF | 2,700 SF | None Detected |
| White/Black Mastic | 228-230 | Flat Roof Penetrations | Intact | NF | 20 SF | None Detected |
| Scratch Coat | 291A-293A | Exterior Walls and Ceiling | Intact | NF | 900 SF | None Detected |

| | | | | | | |
|---|---|---|---|---|---|---|
| Stucco | 291B-293B | Exterior Walls and Ceiling | Intact | NF | 900 SF | None Detected |
| F = Friable<br>NF = Non-Friable | | | | | | |

The following materials **were not** identified as asbestos-containing materials from the Building A4, A5:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Skim Coat | 60A-66A | Classrooms A4 and A5, Boy's and Girl's Restrooms, and Janitor Closet Walls | Intact | NF | 3,500 SF | None Detected |
| Plaster | 60B-66B | Classrooms A4 and A5, Boy's and Girl's Restrooms, and Janitor Closet Walls and Ceilings | Intact | NF | 3,500 SF | None Detected |
| 2'x4' Ceiling Panels | 67-69 | Classrooms A4 and A5 Ceilings | Intact | F | 1,800 SF | None Detected |
| 1'x1' Wall Tiles | 70-72 | Classrooms A4 and A5 Walls | Intact | F | 600 SF | None Detected |
| Brown Wall Tile Adhesive | 73-75 | Classrooms A4 and A5 Walls | Intact | NF | 600 SF | None Detected |
| 6" Black Cove Base | 76A-78A | Classrooms A4 and A5 Walls | Intact | NF | 160 SF | None Detected |
| Brown Wall Adhesive | 76B-78B | Classrooms A4 and A5 Walls | Intact | NF | 160 SF | None Detected |
| Multi-Colored Carpet Adhesive | 79-81 | Classrooms A4 and A5 Floors | Intact | NF | 1,800 SF | None Detected |
| White Rolled Roof | 231A-236A | Flat Roof | Intact | NF | 2,100 SF | None Detected |
| Roofing Material | 231B-236B | Flat Roof | Intact | NF | 2,100 SF | None Detected |
| Roofing Material | 231C-236C | Flat Roof | Intact | NF | 2,100 SF | None Detected |
| Roofing Material | 231D-236D | Flat Roof | Intact | NF | 2,100 SF | None Detected |
| White/Black Mastic | 237-239 | Flat Roof Penetrations | Intact | NF | 20 SF | None Detected |

| | | | | | | |
|---|---|---|---|---|---|---|
| Scratch Coat | 267A-269A | Exterior Walls and Ceiling | Intact | NF | 600 SF | None Detected |
| Stucco | 267B-269B | Exterior Walls and Ceiling | Intact | NF | 600 SF | None Detected |
| F = Friable<br>NF = Non-Friable | | | | | | |

The following materials **were not** identified as asbestos-containing materials from the Building A6, A7, A8:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Skim Coat | 82A-88A | Classrooms A6, A7, and A8 Walls | Intact | NF | 3,500 SF | None Detected |
| Plaster | 82B-88B | Classrooms A6, A7, and A8 Walls | Intact | NF | 3,500 SF | None Detected |
| 2'x4' Ceiling Panels | 92-94 | Classrooms A6, A7, and A8 Ceilings | Intact | F | 2,700 SF | None Detected |
| 1'x1' Wall Tiles | 95-97 | Classrooms A6, A7, and A8 Walls | Intact | F | 900 SF | None Detected |
| Brown Wall Tile Adhesive | 98-100 | Classrooms A6, A7, and A8 Walls | Intact | NF | 900 SF | None Detected |
| 6" Black Cove Base | 101A-103A | Classrooms A7 and A8 Walls | Intact | NF | 240 SF | None Detected |
| Brown Wall Adhesive | 101B-103B | Classrooms A7 and A8 Walls | Intact | NF | 350 SF | None Detected |
| 4" Grey Cove Base | 104A-106A | Classrooms A6 Walls | Intact | NF | 60 SF | None Detected |
| Beige Wall Adhesive | 104B-106B | Classrooms A6 Walls | Intact | NF | 60 SF | None Detected |
| White Rolled Roof | 240A-245A | Flat Roof | Intact | NF | 2,400 SF | None Detected |
| Roofing Material | 240B-245B | Flat Roof | Intact | NF | 2,400 SF | None Detected |
| Roofing Material | 240C-245C | Flat Roof | Intact | NF | 2,400 SF | None Detected |
| Roofing Material | 240D-245D | Flat Roof | Intact | NF | 2,400 SF | None Detected |
| White/Black Mastic | 246-248 | Flat Roof Penetrations | Intact | NF | 20 SF | None Detected |

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|---|---|---|---|---|---|---|
| Scratch Coat | 270A-272A | Exterior Walls and Ceiling | Intact | NF | 900 SF | None Detected |
| Stucco | 270B-272B | Exterior Walls and Ceiling | Intact | NF | 900 SF | None Detected |
| F = Friable<br>NF = Non-Friable | | | | | | |

The following materials **were not** identified as asbestos-containing materials from the Building B1,B2,B3:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Skim Coat | 116A-118A | Lounge B1, PE Room, and Closet Walls and Ceilings | Intact | NF | 950 SF | None Detected |
| Plaster | 116B-118B | Lounge B1, PE Room, and Closet Walls and Ceilings | Intact | NF | 950 SF | None Detected |
| White 1'x1' Tile | 119A-121A | Lounge B1 Walls | Intact | F | 240 SF | None Detected |
| Brown Mastic | 119B-121B | Lounge B1 Walls | Intact | NF | 240 SF | None Detected |
| Yellow Mastic | 122A-124A | Classroom B2 and B3 Floors Under Blue Carpet | Intact | NF | 1,800 SF | None Detected |
| Black 6" Cove Base | 125A-127A | Classroom B2 and B3 Walls | Intact | NF | 30 SF | None Detected |
| Tan Glue | 125B-127B | Classroom B2 and B3 Walls | Intact | NF | 30 SF | None Detected |
| White 2'x4' Ceiling Tile | 128-130 | Lounge B1 and Classrooms B2 and B3 Ceilings | Intact | F | 2,700 SF | None Detected |
| Yellow Insulation | 131-133 | Classrooms B1, B2, and B3 Plenum Ceilings | Intact | F | 2,700 SF | None Detected |
| Green Mastic | 134A-136A | Lounge B1 Floor Under Grey Carpet | Intact | F | 900 SF | None Detected |
| Grey 6" Cove Base | 137A-139A | Lounge B1 Walls | Intact | NF | 20 SF | None Detected |
| Tan Glue | 137B-139B | Lounge B1 Walls | Intact | NF | 20 SF | None Detected |
| White Wrap | 140A-142A | Closet Pipe Run | Intact | NF | 65 SF | None Detected |
| Yellow Insulation | 140B-142B | Closet Pipe Run | Intact | NF | 65 SF | None Detected |
| White Wrap | 143A-145A | Closet Boiler | Intact | NF | 30 SF | None Detected |

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|---|---|---|---|---|---|---|
| Yellow Insulation | 143B-145B | Closet Boiler | Intact | NF | 30 SF | None Detected |
| White Rolled Roof | 249A-254A | Flat Roof | Intact | NF | 2,700 SF | None Detected |
| Roofing Material | 249B-254B | Flat Roof | Intact | NF | 2,700 SF | None Detected |
| Roofing Material | 249C-254C | Flat Roof | Intact | NF | 2,700 SF | None Detected |
| Roofing Material | 249D-254D | Flat Roof | Intact | NF | 2,700 SF | None Detected |
| White/Black Mastic | 255-257 | Flat Roof Penetrations | Intact | NF | 20 SF | None Detected |
| Scratch Coat | 276A-278A | Exterior Walls and Ceiling | Intact | NF | 900 SF | None Detected |
| Stucco | 276B-278B | Exterior Walls and Ceiling | Intact | NF | 900 SF | None Detected |
| F = Friable<br>NF = Non-Friable | | | | | | |

The following materials **were not** identified as asbestos-containing materials from the Library/Innovation Lab Building:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Skim Coat | 146A-150A | Library and Storage 1 & 2 Walls and Ceilings | Intact | NF | 2,500 SF | None Detected |
| Plaster | 146B-150B | Library and Storage 1 & 2 Walls and Ceilings | Intact | NF | 2,500 SF | None Detected |
| Drywall | 151A-153A | Innovation Lab and Library Walls | Intact | NF | 500 SF | None Detected |
| Joint Compound | 151B-153B | Innovation Lab and Library Walls | Intact | NF | 500 SF | None Detected |
| Texture | 154-156 | Innovation Lab and Library Walls | Intact | NF | 500 SF | None Detected |
| 1'x1' Wall Tiles | 157-159 | Library Walls | Intact | F | 600 SF | None Detected |
| Brown Wall Tile Adhesive | 160-162 | Library Walls | Intact | NF | 600 SF | None Detected |
| 4"/6" Black Cove Base | 163A-165A | Library and Innovation Lab Walls | Intact | NF | 80 SF | None Detected |
| Tan Wall Adhesive | 163B-165B | Library Floor | Intact | NF | 80 SF | None Detected |

| | | | | | | |
|---|---|---|---|---|---|---|
| 2'x4' Ceiling Panels | 172-174 | Library and Innovation Lab Ceilings | Intact | F | 1,800 SF | None Detected |
| Scratch Coat | 273A-275A | Exterior Walls and Ceiling | Intact | NF | 600 SF | None Detected |
| Stucco | 273B-275B | Exterior Walls and Ceiling | Intact | NF | 600 SF | None Detected |
| White Rolled Roofing | 328A-332A | Flat Roof | Intact | NF | 2,600 SF | None Detected |
| Roofing Material | 328B-332B | Flat Roof | Intact | NF | 2,600 SF | None Detected |
| Roofing Material | 328C-332C | Flat Roof | Intact | NF | 2,600 SF | None Detected |
| Roofing Material | 328D-332D | Flat Roof | Intact | NF | 2,600 SF | None Detected |
| Black Penetration Mastic | 333-335 | Flat Roof Penetrations | Intact | NF | 50 SF | None Detected |
| F = Friable<br>NF = Non-Friable | | | | | | |

The following materials **were not** identified as asbestos-containing materials from Building B4,B5:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Skim Coat | 175A-179A | Classrooms B4 and B5 and Janitor Closet Walls and Ceilings | Intact | NF | 2,500 SF | None Detected |
| Plaster | 175B-179B | Classrooms B4 and B5 and Janitor Closet Walls and Ceilings | Intact | NF | 2,500 SF | None Detected |
| 4"/6" Black Cove Base | 180A-182A | Classroom B4 Walls | Intact | NF | 50 SF | None Detected |
| Tan Wall Adhesive | 180B-182B | Classroom B4 Walls | Intact | NF | 50 SF | None Detected |
| 4" Gray Cove Base | 183A-185A | Classroom B5 Walls | Intact | NF | 50 SF | None Detected |
| Beige Wall Adhesive | 183B-185B | Classroom B5 Walls | Intact | NF | 50 SF | None Detected |
| 2'x4' Fiberglass Ceiling Tile | 189-191 | Classroom B4 and B5 Ceilings | Intact | NF | 1,800 SF | None Detected |
| 1'x1' Wall Tile | 192-194 | Classroom B4 and B5 Walls | Intact | NF | 500 SF | None Detected |

| | | | | | | |
|---|---|---|---|---|---|---|
| Brown Wall Tile Adhesive | 195-197 | Classroom B4 and B5 Walls | Intact | NF | 500 SF | None Detected |
| White Rolled Roof | 258A-263A | Flat Roof | Intact | NF | 2,100 SF | None Detected |
| Roofing Material | 258B-263B | Flat Roof | Intact | NF | 2,100 SF | None Detected |
| Roofing Material | 258C-263C | Flat Roof | Intact | NF | 2,100 SF | None Detected |
| Roofing Material | 258D-263D | Flat Roof | Intact | NF | 2,100 SF | None Detected |
| White/Black Mastic | 264-266 | Flat Roof Penetrations | Intact | NF | 20 SF | None Detected |
| Scratch Coat | 279A-281A | Exterior Walls and Ceiling | Intact | NF | 600 SF | None Detected |
| Stucco | 279B-281B | Exterior Walls and Ceiling | Intact | NF | 600 SF | None Detected |
| F = Friable<br>NF = Non-Friable | | | | | | |

The following materials **were not** identified as asbestos-containing materials from Building B6,B7,B8:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Skim Coat | 198A-200A | Classroom B6, B7, & B8 Walls | Intact | NF | 900 SF | None Detected |
| Plaster | 198B-200B | Classroom B6, B7, & B8 Walls | Intact | NF | 900 SF | None Detected |
| White 1'x1' Tile | 201A-203A | Classrooms B6 and B7 Walls | Intact | F | 480 SF | None Detected |
| Brown Mastic | 201B-203B | Classrooms B6 and B7 Walls | Intact | NF | 480 SF | None Detected |
| Black 6" Cove Base | 204A-206A | Classrooms B6 and B8 Walls | Intact | NF | 40 SF | None Detected |
| Tan Glue | 204B-206B | Classrooms B6 and B8 Walls | Intact | NF | 40 SF | None Detected |
| Blue 6" Cove Base | 207A-209A | Classrooms B7 Walls | Intact | NF | 20 SF | None Detected |
| Tan Glue | 207B-209B | Classrooms B7 Walls | Intact | NF | 20 SF | None Detected |
| Yellow Mastic | 210A-212A | Classrooms B7 and B8 Floors | Intact | NF | 1,800 SF | None Detected |

| | | | | | | |
|---|---|---|---|---|---|---|
| White 2'x4' Ceiling Tile | 213-215 | Classrooms B6, B7, and B8 Ceilings | Intact | F | 2,700 SF | None Detected |
| Yellow Glue | 216A-218A | Classroom B6 Floor Under Black Carpet | Intact | NF | 900 SF | None Detected |
| Yellow Insulation | 219-221 | Classroom B6, B7, and B8 Plenum | Intact | F | 2,700 SF | None Detected |
| Scratch Coat | 282A-284A | Exterior Walls and Ceiling | Intact | NF | 900 SF | None Detected |
| Stucco | 282B-284B | Exterior Walls and Ceiling | Intact | NF | 900 SF | None Detected |
| White Rolled Roofing | 344A-350A | Flat Roof | Intact | NF | 4,000 SF | None Detected |
| Roofing Material | 344B-350B | Flat Roof | Intact | NF | 4,000 SF | None Detected |
| Roofing Material | 344C-350C | Flat Roof | Intact | NF | 4,000 SF | None Detected |
| Roofing Material | 344D-350D | Flat Roof | Intact | NF | 4,000 SF | None Detected |
| Black Penetration Mastic | 351-353 | Flat Roof Penetrations | Intact | NF | 50 SF | None Detected |
| F = Friable<br>NF = Non-Friable | | | | | | |

The following materials **were not** identified as asbestos-containing materials from Walkway:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| White Rolled Roofing | 321A-327A | Flat Roof | Intact | NF | 5,000 SF | None Detected |
| Roofing Material | 321B-327B | Flat Roof | Intact | NF | 5,000 SF | None Detected |
| Roofing Material | 321C-327C | Flat Roof | Intact | NF | 5,000 SF | None Detected |
| Roofing Material | 321D-327D | Flat Roof | Intact | NF | 5,000 SF | None Detected |
| F = Friable<br>NF = Non-Friable | | | | | | |

***Property Description***

The subject property is a school structure. The subject buildings are single-story wood frame buildings set on a cement slab foundation. At the time of this inspection, the identified asbestos-containing materials were in intact condition. Additionally, Patriot observed no obvious fire or structural damage to the structure.

***Scope of Work***

On August 21 & 23, 2023, Mr. Henry Angel (CSST #15-5423) of Patriot conducted a limited asbestos inspection working under the direction of Ms. Johana Quintana-Hernandez (CAC 19-6487). The interior and exterior of the buildings were visually inspected for the purpose of identifying the specified suspect asbestos-containing materials listed in the summary tables above. Once the inventory of suspect materials was created, physical bulk samples were collected of the materials from representative locations. Samples were collected in airtight containers. Upon collection, sample numbers, descriptions, and collection locations were entered onto a chain of custody for transportation via a Patriot employed courier (Aaron Rodriguez) to Patriot's NVLAP accredited laboratory.

On August 22, 23 & 24, 2023, Mr. Daniel Gonzales (CSST #06-4103) of DEG3 Inc. (located at 7836 Calmcrest Drive Downey, CA 90240; phone number 562-652-8036), a subcontractor of Patriot Environmental Laboratory Services, Inc., conducted the limited asbestos inspection working under the direction of Ms. Johana Quintana-Hernandez (CAC 19-6487). The interior and exterior of the buildings were visually inspected for the purpose of identifying the specified suspect asbestos-containing materials listed in the summary tables above. Once the inventory of suspect materials was created, physical bulk samples were collected of the materials from representative locations. Samples were collected in airtight containers. Upon collection, sample numbers, descriptions, and collection locations were entered onto a chain of custody for transportation via a Patriot employed courier (Aaron Rodriguez) to Patriot's NVLAP accredited laboratory.

***Sample Protocol/Analysis***

Samples were collected in accordance with the Asbestos Hazard Emergency Response Act (40 CFR 763 Subpart E) as mandated by Cal/OSHA (Title 8 Section 1529) and South Coast Air Quality Management District (Rule 1403).

Physical bulk samples were analyzed by Patriot Lab located at 1041 S. Placentia Avenue Fullerton, CA 92831; office number 714-607-5227. Patriot Lab is accredited by the National Voluntary Laboratory Accreditation Program (200358-0). The method of analysis was Polarized Light Microscopy (EPA 600/M4-82-020).

***Recommendations***

If any of the asbestos-containing materials identified in this report are scheduled to be impacted by renovation or demolition activities, an asbestos abatement contractor must remove them prior to disturbance. Asbestos abatement contractors must be registered with the Division of Occupational Safety and Health.

***Disclaimer***

**Limited destructive sampling was conducted at the subject property.** If additional suspect materials are discovered during renovation or demolition activities, all work should cease until a Certified Asbestos Consultant is contracted to determine the asbestos content of the building materials. This inspection was performed in accordance with current regulations and state of the art practices. The inventory of asbestos-containing materials and determination of their condition are based upon observations at the time of inspection. Patriot does not assume responsibility for future regulatory changes or changes in the condition of the building or materials.

Please contact our office if there are any questions regarding this inspection.

Sincerely,

**Patriot Environmental Laboratory Services, Inc.**

**Johana Quintana-Hernandez**
Certified Asbestos Consultant No. 19-6487

Enclosure: Laboratory Results
Sample Location Diagram
Certifications

Certificate of Analysis
**PLM Asbestos Identification**

tel - 714-607-5227
free - 855-968-7522
OCLab@patriotlab.com
1041 S. Placentia Avenue, Fullerton, CA 92831

PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 988584
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/21/2023
Date Received: 8/22/2023
Date Analyzed: 8/25/2023
Date Reported: 8/29/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 104

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988584-001A<br>1 | Administrative Office Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-001B<br>1 | Administrative Office Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-001C<br>1 | Administrative Office Wall | Button Board | White | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 988584-002A<br>2 | Administrative Lobby Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-002B<br>2 | Administrative Lobby Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-002C<br>2 | Administrative Lobby Wall | Button Board | White | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

Certificate of Analysis
**PLM Asbestos Identification**

tel - 714-607-5227
free - 855-968-7522
OCLab@patriotlab.com
1041 S. Placentia Avenue, Fullerton, CA 92831

PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 988584
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/21/2023
Date Received: 8/22/2023
Date Analyzed: 8/25/2023
Date Reported: 8/29/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 104

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988584-003A<br>3 | Administrative Recreation Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-003B<br>3 | Administrative Recreation Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-003C<br>3 | Administrative Recreation Wall | Button Board | White | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 988584-004A<br>4 | Administrative Storage Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-004B<br>4 | Administrative Storage Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-004C<br>4 | Administrative Storage Wall | Button Board | White | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

Certificate of Analysis
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PATRIOT LAB

Westminster School District
Brian Johnson
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Report Number: 988584
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/21/2023
Date Received: 8/22/2023
Date Analyzed: 8/25/2023
Date Reported: 8/29/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 104

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988584-005A<br>5 | Administrative Printer Room Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-005B<br>5 | Administrative Printer Room Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-005C<br>5 | Administrative Printer Room Wall | Button Board | White | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 988584-006A<br>6 | Administrative Principal Office Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-006B<br>6 | Administrative Principal Office Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-006C<br>6 | Administrative Principal Office Wall | Button Board | White | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Henry Angel
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Number of Samples: 104

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988584-007A<br>7 | Administrative Closet 1 Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-007B<br>7 | Administrative Closet 1 Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-007C<br>7 | Administrative Closet 1 Wall | Button Board | White | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 988584-008<br>8 | Administrative Office Ceiling | 2x4 Ceiling Tile | White Grey | 40% Mineral Wool<br>50% Cellulose<br>10% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-009<br>9 | Administrative Hallway Ceiling | 2x4 Ceiling Tile | White Grey | 40% Mineral Wool<br>50% Cellulose<br>10% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988584-010<br>10 | Administrative Printer Room Ceiling | 2x4 Ceiling Tile | White Grey | 40% Mineral Wool<br>50% Cellulose<br>10% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-011<br>11 | Administrative Office Ceiling | Insulation | Yellow | 100% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988584-012<br>12 | Administrative Hallway Ceiling | Insulation | Yellow | 100% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988584-013<br>13 | Administrative Printer Room Ceiling | Insulation | Yellow | 100% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988584-014A<br>14 | Administrative Office Wall | 6 Inch Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-014B<br>14 | Administrative Office Wall | Glue | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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PO Number:
Number of Samples: 104

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988584-015A<br>15 | Administrative Nurses Wall | 6 Inch Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-015B<br>15 | Administrative Nurses Wall | Glue | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-016A<br>16 | Administrative Printer Room Wall | 6 Inch Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-016B<br>16 | Administrative Printer Room Wall | Glue | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-017<br>17 | Administrative Nurses Floor | Glue | Green | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-018<br>18 | Administtrative Recreation Floor | Glue | Green | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988584-019<br>19 | Administrative Printer Room Floor | Glue | Green | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-020<br>20 | Administrative Office Floor | Glue | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-021<br>21 | Administrative Lobby Floor | Glue | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-022<br>22 | Administrative Printer Room Floor | Glue | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-023A<br>23 | Building K-1, K-2-Classroom K-1 Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-023B<br>23 | Building K-1, K-2-Classroom K-1 Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988584-024A<br>24 | Building K-1, K-2-Storage K-1 Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-024B<br>24 | Building K-1, K-2-Storage K-1 Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-025A<br>25 | Building K-1, K-2-Classroom K-2 Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-025B<br>25 | Building K-1, K-2-Classroom K-2 Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-026A<br>26 | Building K-1, K-2-Classroom Restroom Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-026B<br>26 | Building K-1, K-2-Classroom Restroom Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Number of Samples: 104

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988584-027A<br>27 | Building K-1, K-2-<br>Classroom Wall | Skim Coat | White | 100% Non-<br>Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-027B<br>27 | Building K-1, K-2-<br>Classroom Wall | Plaster | Grey | 100% Non-<br>Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-028<br>28 | Building K-1, K-2<br>Classroom K1 Ceiling | 2x4 Ceiling Tile | White Grey | 40% Mineral<br>Wool<br>50% Cellulose<br>10% Non-<br>Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-029<br>29 | Building K-1, K-2 Storage<br>K1 Ceiling | 2x4 Ceiling Tile | White Grey | 40% Mineral<br>Wool<br>50% Cellulose<br>10% Non-<br>Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-030<br>30 | Building K-1, K-2<br>Classroom K2 Ceiling | 2x4 Ceiling Tile | White Grey | 40% Mineral<br>Wool<br>50% Cellulose<br>10% Non-<br>Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Claim Number: PO No: T6000778
PO Number:
Number of Samples: 104

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988584-031<br>31 | Building K-1, K-2<br>Classroom K1 Ceiling | Insulation | Yellow | 100% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988584-032<br>32 | Building K-1, K-2 Storage<br>Ceiling | Insulation | Yellow | 100% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988584-033<br>33 | Building K-1, K-2<br>Classroom Ceiling | Insulation | Yellow | 100% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988584-034A<br>34 | Building K-1, K-2<br>Classroom Wall | 6 Inch Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-034B<br>34 | Building K-1, K-2<br>Classroom Wall | Glue | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-035A<br>35 | Building K-1, K-2 Storage<br>Wall | 6 Inch Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 104

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988584-035B<br>35 | Building K-1, K-2 Storage Wall | Glue | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-036A<br>36 | Building K-1, K-2 Classroom K2 Wall | 6 Inch Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-036B<br>36 | Building K-1, K-2 Classroom K2 Wall | Glue | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-037A<br>37 | Building K-1, K-2 Classroom K-1 | Mastic | Green | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-037B<br>37 | Building K-1, K-2 Classroom K-1 | Mastic | Black | 97% Non-Fibrous Material |
| Chrysotile | 3 % | | | |
| **Total Asbestos** | **3 %** | | | |
| 988584-038A<br>38 | Building K-1, K-2 Classroom K-2 | Mastic | Green | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 104

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988584-038B<br>38 | Building K-1, K-2<br>Classroom K-2 | Mastic | Black | 95% Non-Fibrous Material |
| Chrysotile 5 % | | | | |
| **Total Asbestos** **5 %** | | | | |
| 988584-039A<br>39 | Building K-1, K-2 Storage | Mastic | Green | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-039B<br>39 | Building K-1, K-2 Storage | Mastic | Black | 95% Non-Fibrous Material |
| Chrysotile 5 % | | | | |
| **Total Asbestos** **5 %** | | | | |
| 988584-040A<br>40 | Building A-1, A-2, A-3<br>Classroom A-3 Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-040B<br>40 | Building A-1, A-2, A-3<br>Classroom A-3 Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-041A<br>41 | Building A-1, A-2, A-3<br>Classroom A-2 Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 104

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988584-041B<br>41 | Building A-1, A-2, A-3<br>Classroom A-2 Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-042A<br>42 | Building A-1, A-2, A-3<br>Classroom A-2 Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-042B<br>42 | Building A-1, A-2, A-3<br>Classroom A-2 Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-043A<br>43 | Building A-1, A-2, A-3<br>Storage Ceiling | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-043B<br>43 | Building A-1, A-2, A-3<br>Storage Ceiling | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-044A<br>44 | Building A-1, A-2, A-3<br>Speech Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 104

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988584-044B<br>44 | Building A-1, A-2, A-3<br>Speech Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-045A<br>45 | Building A-1, A-2, A-3<br>Classroom A-3 Floor | Glue | Green | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-045B<br>45 | Building A-1, A-2, A-3<br>Classroom A-3 Floor | Glue | Black | 95% Non-Fibrous Material |
| Chrysotile | 5 % | | | |
| **Total Asbestos** | **5 %** | | | |
| 988584-046A<br>46 | Building A-1, A-2, A-3<br>Classroom A-3 Floor | Glue | Green | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-046B<br>46 | Building A-1, A-2, A-3<br>Classroom A-3 Floor | Glue | Black | 95% Non-Fibrous Material |
| Chrysotile | 5 % | | | |
| **Total Asbestos** | **5 %** | | | |
| 988584-047A<br>47 | Building A-1, A-2, A-3<br>Speech Floor | Glue | Green | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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PO Number:
Number of Samples: 104

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988584-047B<br>47 | Building A-1, A-2, A-3<br>Speech Floor | Glue | Black | 95% Non-Fibrous Material |
| Chrysotile | 5 % | | | |
| **Total Asbestos** | **5 %** | | | |
| 988584-048<br>48 | Building A-1, A-2, A-3<br>Classroom A-2 Floor | Mastic | Green Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-049<br>49 | Building A-1, A-2, A-3<br>Classroom A-2 Floor | Mastic | Green Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-050<br>50 | Building A-1, A-2, A-3<br>Classroom A-2 Floor | Mastic | Green Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-051A<br>51 | Building A-1, A-2, A-3<br>Classroom A-1 Floor | Mastic | Green Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-051B<br>51 | Building A-1, A-2, A-3<br>Classroom A-1 Floor | Mastic | Black | 95% Non-Fibrous Material |
| Chrysotile | 5 % | | | |
| **Total Asbestos** | **5 %** | | | |

Certificate of Analysis
**PLM Asbestos Identification**

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1041 S. Placentia Avenue, Fullerton, CA 92831

PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 988584
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/21/2023
Date Received: 8/22/2023
Date Analyzed: 8/25/2023
Date Reported: 8/29/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 104

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988584-052A<br>52 | Building A-1, A-2, A-3<br>Classroom A-1 Floor | Mastic | Green Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-052B<br>52 | Building A-1, A-2, A-3<br>Classroom A-1 Floor | Mastic | Black | 95% Non-Fibrous Material |
| Chrysotile | 5 % | | | |
| **Total Asbestos** | **5 %** | | | |
| 988584-053A<br>53 | Building A-1, A-2, A-3<br>Classroom A-1 Floor | Mastic | Green Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-053B<br>53 | Building A-1, A-2, A-3<br>Classroom A-1 Floor | Mastic | Black | 95% Non-Fibrous Material |
| Chrysotile | 5 % | | | |
| **Total Asbestos** | **5 %** | | | |
| 988584-054A<br>54 | Building A-1, A-2, A-3<br>Classroom A-1 Wall | 6 Inch Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-054B<br>54 | Building A-1, A-2, A-3<br>Classroom A-1 Wall | Glue | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/21/2023
Date Received: 8/22/2023
Date Analyzed: 8/25/2023
Date Reported: 8/29/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 104

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988584-055A<br>55 | Building A-1, A-2, A-3<br>Classroom A-1 Wall | 6 Inch Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-055B<br>55 | Building A-1, A-2, A-3<br>Classroom A-1 Wall | Glue | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-056A<br>56 | Building A-1, A-2, A-3<br>Classroom A-2 Wall | 6 Inch Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-056B<br>56 | Building A-1, A-2, A-3<br>Classroom A-2 Wall | Glue | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-057A<br>57 | Building A-1, A-2, A-3<br>Classroom A-3 Wall | 6 Inch Cove Base | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-057B<br>57 | Building A-1, A-2, A-3<br>Classroom A-3 Wall | Glue | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Report Number: 988584
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/21/2023
Date Received: 8/22/2023
Date Analyzed: 8/25/2023
Date Reported: 8/29/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 104

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988584-058A<br>58 | Building A-1, A-2, A-3<br>Classroom A-3 Wall | 6 Inch Cove Base | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-058B<br>58 | Building A-1, A-2, A-3<br>Classroom A-3 Wall | Glue | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-059A<br>59 | Building A-1, A-2, A-3<br>Speech Wall | 6 Inch Cove Base | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988584-059B<br>59 | Building A-1, A-2, A-3<br>Speech Wall | Glue | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| | |
|---|---|
| Report Number: | 988584 |
| Project Number: | OC164902 |
| Project Name: | Sequoia Elementary School |
| Project Location: | 5900 Iroquois Road<br>Westminster, 92683 |

| | | | |
|---|---|---|---|
| Date Collected: | 8/21/2023 | Collected By: | Henry Angel |
| Date Received: | 8/22/2023 | Claim Number: | PO No: T6000778 |
| Date Analyzed: | 8/25/2023 | PO Number: | |
| Date Reported: | 8/29/2023 | Number of Samples: | 104 |

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|

Jose Quinones - Analyst

Kwin Sheena Legaspi - Lab Manager - Approved By

Bulk sample(s) submitted was (were) analyzed in accordance with the procedure outlined in the US Federal Register 40 CFR Appendix E to Subpart E of Part 763; EPA-600/R-93/116 (Method for Determination of Asbestos in Building Materials), and EPA-600/M4-82-020 (US EPA Interim Method for the Determination of Asbestos in Bulk Insulation Samples). Samples were analyzed using Calibrated Visual Estimations (CVES); therefore, results may not be reliable for samples of low asbestos concentration levels. Samples of wall systems containing discrete and separable layers are analyzed separately and reported as composite unless specifically requested by the customer to report analytical results for individual layers. This report applies only to the items tested. Results are representative of the samples submitted and may not represent the entire material from which the samples were collected. "None Detected" means that no asbestos was observed in the sample. "<1%" (less than one percent) or Trace means that asbestos was observed in the sample but the concentration is below the quantifiable level of 1%. This report was issued by a NIST/NVLAP (Lab Code 200358-0) and CA Water Board ELAP (Cert. No. 2540) accredited laboratory and may not be reproduced, except in full without the expressed written consent of Patriot Environmental Laboratory Services, Inc. This report may not be used to claim product certification, approval or endorsement by NIST, NVLAP, CA-ELAP or any government agency.

ASB_Rep_8.23

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**Turn Around Time:**
( ) ERS (✓) 24 HRS
( ) 48 HRS ( ) 72 HRS

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PATRIOT Environmental Laboratory Services, Inc.

## ASBESTOS FIELD BULK SAMPLE COC

**Project Name:** Sequoia Elementary School
**Project #:** OC164902
**Project Address:** 5900 Iroquois Road
**City:** Westminster
**Zip:** 92683

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 1 | Admin - Office - @ Wall | SC/PL/BB | | X | Intact | |
| 2 | Admin - Lobby - @ Wall | " | | " | " | |
| 3 | Admin - Rec @ Wall | " | | " | " | |
| 4 | Storage @ | " | | " | " | |
| 5 | Printer Rm @ | " | | " | " | |
| 6 | Principal office @ | " | | " | " | |
| 7 | CL-1 @ | " | | " | " | |
| 8 | Office @ Ceiling | White 2x4 Ceiling tile | X | | Intact | |
| 9 | Hall | " | " | | " | |
| 10 | Printer Rm | " | " | | " | |
| 11 | Office @ Ceiling | Yellow Insulation | X | ✓ | Intact | |
| 12 | Hall | " | " | | " | |
| 13 | Printer Rm | " | " | | " | |
| 14 | Office @ Wall | Blk 6in CB w White Glue | | X | Intact | |
| 15 | Nurses | " | | " | " | |
| 16 | Printer Rm | " | | " | " | |

Sampled/Relinquished-Print/Sign: Henry Angel — Date: 8-21-23 Time: 3:30pm
Received/Relinquished-Print/Sign: Aaron Rodriguez II — Date: 8-22 Time:
Received-Print/Sign: Kathryn Medina KM — Date: 8.22.23 Time: 944

Page _____ of _____



AUG 22 AM 9:44

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1041 S. Placentia Avenue, Fullerton, CA 92831

PATRIOT
Environmental Laboratory Services, Inc.

Project #: QC164902

## ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 17 | Admin - Nurses @ floor | green glue | | X | Intact | Under Plank |
| 18 | Rec | " " | | " | " | " " |
| 19 | Printer Rm | " " | | " | " | " " |
| 20 | Office @ Floor | TAN glue | | X | Intact | under Blk Carpet 54 @ |
| 21 | Lobby | " " | | " | " | " " |
| 22 | Printer Rm | " " | | " | " | " " |
| 23 | Bldg K-1, K-2 Classrm - K-1 @ Wall | scl/PL | | X | Intact | |
| 24 | storage @ | " " | | " | " | " " |
| 25 | Classrm K-2 @ | " " | | " | " | " " |
| 26 | " " R-1 R-2 | " " | | " | " | " " |
| 27 | " CL @ | " " | | " | " | " " |
| 28 | Bldg K-1, K-2 Classrm K-1 @ Ceiling | White 2x4 Ceiling tile | X | | Intact | |
| 29 | Storage @ | " " | | " | " | " " |
| 30 | Classrm K-2 @ | " " | | " | " | " " |
| 31 | Classrm - K-1 @ Ceiling | ~~white 2x4 @~~ yellow insulation | | X | Intact | |
| 32 | Storage | " " | | " | " | " " |
| 33 | Classrm K-2 | " " | | " | " | " " |
| 34 | Classrm K-1 @ Wall | Blk & tan CB w TAN glue | | X | Intact | |
| 35 | Storage | " " | | " | " | " " |
| 36 | Classrm K-2 | " " | | " | " | " " |

| | | | |
|---|---|---|---|
| Sampled/Relinquished-Print/Sign: | Heyrin Angel | Date: 8-21-23 | Time: 3:30pm |
| Received/Relinquished-Print/Sign: | Aaron Rodriguez | Date: 8-22 | Time: |
| Received-Print/Sign: | Kathryn Medina KM | Date: 8-22-23 | Time: 9:44 |

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Environmental Laboratory Services, Inc.

Project #: OC164902

## ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 37 | Bldg K-1, K-2 - ClassRm K-1 - | Green/Blk Mastic | | X | Intact | |
| 38 | ClassRm K-2 | | | | | |
| 39 | Storage | | | | | |
| 40 | ~~Bldg~~ Bldg A-1, A-2, A-3 - ClassRm A-3 @ Wall | SC/RC | | X | Intact | |
| 41 | ClassRm A-2 | | | | | |
| 42 | | | | | | |
| 43 | Storage Cabinets | | | | | |
| 44 | Speech @ Wall | | | | | |
| 45 | ClassRm A-3 @ floor | Yellow/Blk ~~Grey~~ Glue | | X | Intact | Under Grey Carpet |
| 46 | | | | | | |
| 47 | Speech | | | | | |
| 48 | ClassRm A-2 @ floor | Green/Blk mastic | | X | Intact | Under Blk/Grey Carpet |
| 49 | | | | | | |
| 50 | | | | | | |
| 51 | ClassRm A-1 @ floor | Green/Blk Mastic | | X | Intact | |
| 52 | | | | | | |
| 53 | | | | | | |
| 54 | ClassRm A-1 @ Wall | Blk Glue on CB w/ TA Glue | | X | Intact | |
| 55 | | | | | | |
| 56 | ClassRm A-2 | | | | | |

| | | | |
|---|---|---|---|
| Sampled/Relinquished-Print/Sign: | Henry Angel | Date: 8-21-23 | Time: 3:30pm |
| Received/Relinquished-Print/Sign: | Aaron Ladnyer III | Date: 8-22 | Time: |
| Received-Print/Sign: | Kathryn Medina KM | Date: 8.22.23 | Time: 9:44 |

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Environmental Laboratory Services, Inc.

Project #: OC164902

## ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 57 | Bldg - Classrm A-1, A-2, A-3 A-3 @ Wall | Gray Gyp CB w/ Tan Glue | | X | Intact | |
| 58 | " | " | | X | " | |
| 59 | Speech | " | | X | " | |
| | | | | | | |
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|---|---|---|---|
| Sampled/Relinquished-Print/Sign: | Henry Angel | Date: 8-21-23 | Time: 3:30p |
| Received/Relinquished-Print/Sign: | Aaron Rodriguez | Date: 8-22 | Time: |
| Received-Print/Sign: | Kathryn Medina | Date: 8.22.23 | Time: 944 |

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PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 988751
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/22/2023
Date Received: 8/22/2023
Date Analyzed: 8/29/2023
Date Reported: 8/29/2023

Collected By: Daniel Gonzales
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 75

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988751-001A<br>60 | A4 Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-001B<br>60 | A4 Wall | Plaster | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-002A<br>61 | A4 Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-002B<br>61 | A4 Wall | Plaster | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-003A<br>62 | A5 Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-003B<br>62 | A5 Wall | Plaster | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Westminster School District
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Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/22/2023
Date Received: 8/22/2023
Date Analyzed: 8/29/2023
Date Reported: 8/29/2023

Collected By: Daniel Gonzales
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 75

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988751-004A<br>63 | Boys Restroom Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-004B<br>63 | Boys Restroom Wall | Plaster | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-005A<br>64 | Girls Restroom Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-005B<br>64 | Girls Restroom Wall | Plaster | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-006A<br>65 | Janitor Closet Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-006B<br>65 | Janitor Closet Wall | Plaster | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Date Reported: 8/29/2023

Collected By: Daniel Gonzales
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 75

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988751-007<br>66 | Janitor Closet Ceiling | 2x4 Ceiling Panels | Beige | 80% Non-Fibrous Material<br>15% Cellulose<br>5% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988751-008<br>67 | A4 Ceiling | 2x4 Ceiling Panels | Beige | 80% Non-Fibrous Material<br>15% Cellulose<br>5% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988751-009<br>68 | A5 Ceiling | 2x4 Ceiling Panels | Beige | 80% Non-Fibrous Material<br>15% Cellulose<br>5% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988751-010<br>69 | A5 Ceiling | 2x4 Ceiling Panels | Beige | 80% Non-Fibrous Material<br>15% Cellulose<br>5% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988751-011<br>70 | A5 Wall | 1x1 Wall Tiles | White | 80% Non-Fibrous Material<br>15% Cellulose<br>5% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Date Reported: 8/29/2023

Collected By: Daniel Gonzales
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 75

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988751-012<br>71 | A4 Wall | 1x1 Wall Tiles | White | 80% Non-Fibrous Material<br>15% Cellulose<br>5% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988751-013<br>72 | A4 Wall | 1x1 Wall Tiles | White | 80% Non-Fibrous Material<br>15% Cellulose<br>5% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988751-014<br>73 | A4 Wall | Wall Tile Adhesive | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-015<br>74 | A4 Wall | Wall Tile Adhesive | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-016<br>75 | A5 Wall | Wall Tile Adhesive | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-017A<br>76 | A5 Wall | 6 Inch Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Date Reported: 8/29/2023

Collected By: Daniel Gonzales
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 75

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988751-017B<br>76 | A5 Wall | Wall Adhesive | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-018A<br>77 | A5 Wall | 6 Inch Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-018B<br>77 | A5 Wall | Wall Adhesive | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-019A<br>78 | A4 Wall | 6 Inch Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-019B<br>78 | A4 Wall | Wall Adhesive | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-020<br>79 | A4 Floor | Multi Colored Carpet Adhesive | Green Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

Certificate of Analysis
**PLM Asbestos Identification**

tel - 714-607-5227
free - 855-968-7522
OCLab@patriotlab.com
1041 S. Placentia Avenue, Fullerton, CA 92831

PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 988751
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/22/2023
Date Received: 8/22/2023
Date Analyzed: 8/29/2023
Date Reported: 8/29/2023

Collected By: Daniel Gonzales
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 75

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988751-021<br>80 | A5 Floor | Multi Colored Carpet Adhesive | Green Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-022<br>81 | A5 Floor | Multi Colored Carpet Adhesive | Green Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-023A<br>82 | A6 Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-023B<br>82 | A6 Wall | Plaster | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-024A<br>83 | A6 Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-024B<br>83 | A6 Wall | Plaster | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 988751
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/22/2023
Date Received: 8/22/2023
Date Analyzed: 8/29/2023
Date Reported: 8/29/2023

Collected By: Daniel Gonzales
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 75

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988751-025A<br>84 | A7 Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-025B<br>84 | A7 Wall | Plaster | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-026A<br>85 | A7 Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-026B<br>85 | A7 Wall | Plaster | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-027A<br>86 | A8 Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-027B<br>86 | A8 Wall | Plaster | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Brian Johnson
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Westminster, CA 92683

Report Number: 988751
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/22/2023
Date Received: 8/22/2023
Date Analyzed: 8/29/2023
Date Reported: 8/29/2023

Collected By: Daniel Gonzales
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 75

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988751-028A<br>87 | A8 Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-028B<br>87 | A8 Wall | Plaster | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-029A<br>88 | A8 Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-029B<br>88 | A8 Wall | Plaster | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-030<br>89 | A6 Floor | Multi Colored Carpet Mastic | Green Yellow Black | 97% Non-Fibrous Material |
| Chrysotile | 3 % | | | |
| **Total Asbestos** | **3 %** | | | |
| 988751-031<br>90 | A7 Floor | Multi Colored Carpet Mastic | Green Yellow Black | 97% Non-Fibrous Material |
| Chrysotile | 3 % | | | |
| **Total Asbestos** | **3 %** | | | |

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PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 988751
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/22/2023
Date Received: 8/22/2023
Date Analyzed: 8/29/2023
Date Reported: 8/29/2023

Collected By: Daniel Gonzales
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 75

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988751-032<br>91 | A8 Floor | Multi Colored Carpet Mastic | Green Yellow Black | 97% Non-Fibrous Material |
| Chrysotile | 3 % | | | |
| **Total Asbestos** | **3 %** | | | |
| 988751-033<br>92 | A8 Ceiling | 2x4 Ceiling Panels | Beige | 80% Non-Fibrous Material<br>15% Cellulose<br>5% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988751-034<br>93 | A7 Ceiling | 2x4 Ceiling Panels | Beige | 80% Non-Fibrous Material<br>15% Cellulose<br>5% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988751-035<br>94 | A6 Ceiling | 2x4 Ceiling Panels | Beige | 80% Non-Fibrous Material<br>15% Cellulose<br>5% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988751-036<br>95 | A8 Wall | 1x1 Wall Tiles | White | 80% Non-Fibrous Material<br>15% Cellulose<br>5% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Report Number: 988751
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/22/2023
Date Received: 8/22/2023
Date Analyzed: 8/29/2023
Date Reported: 8/29/2023

Collected By: Daniel Gonzales
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 75

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988751-037<br>96 | A7 Wall | 1x1 Wall Tiles | White | 80% Non-Fibrous Material<br>15% Cellulose<br>5% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988751-038<br>97 | A6 Wall | 1x1 Wall Tiles | White | 80% Non-Fibrous Material<br>15% Cellulose<br>5% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988751-039<br>98 | A6 Wall | Wall Tile Adhesive | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-040<br>99 | A7 Wall | Wall Tile Adhesive | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-041<br>100 | A8 Wall | Wall Tile Adhesive | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-042A<br>101 | A8 Wall | 6 inch Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Report Number: 988751
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/22/2023
Date Received: 8/22/2023
Date Analyzed: 8/29/2023
Date Reported: 8/29/2023

Collected By: Daniel Gonzales
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 75

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988751-042B<br>101 | A8 Wall | Adhesive | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-043A<br>102 | A7 Wall | 6 inch Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-043B<br>102 | A7 Wall | Adhesive | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-044A<br>103 | A7 Wall | 6 inch Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-044B<br>103 | A7 Wall | Adhesive | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-045A<br>104 | A6 Wall | 6 inch Cove Base | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/22/2023
Date Received: 8/22/2023
Date Analyzed: 8/29/2023
Date Reported: 8/29/2023

Collected By: Daniel Gonzales
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 75

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988751-045B<br>104 | A6 Wall | Adhesive | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-046A<br>105 | A6 Wall | 6 inch Cove Base | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-046B<br>105 | A6 Wall | Adhesive | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-047A<br>106 | A6 Wall | 6 inch Cove Base | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-047B<br>106 | A6 Wall | Adhesive | Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-048<br>107 | A3 Wall | 1x1 Wall Tiles | White | 80% Non-Fibrous Material<br>15% Cellulose<br>5% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 988751
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/22/2023
Date Received: 8/22/2023
Date Analyzed: 8/29/2023
Date Reported: 8/29/2023

Collected By: Daniel Gonzales
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 75

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 988751-049<br>108 | A2 Wall | 1x1 Wall Tiles | White | 80% Non-Fibrous Material<br>15% Cellulose<br>5% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988751-050<br>109 | A1 Wall | 1x1 Wall Tiles | White | 80% Non-Fibrous Material<br>15% Cellulose<br>5% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 988751-051<br>110 | A1 Wall | Wall Tile Adhesive | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-052<br>111 | A2 Wall | Wall Tile Adhesive | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 988751-053<br>112 | A3 Wall | Wall Tile Adhesive | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

| | |
|---|---|
| Report Number: | 988751 |
| Project Number: | OC164902 |
| Project Name: | Sequoia Elementary School |
| Project Location: | 5900 Iroquois Road<br>Westminster, 92683 |

| | | | |
|---|---|---|---|
| Date Collected: | 8/22/2023 | Collected By: | Daniel Gonzales |
| Date Received: | 8/22/2023 | Claim Number: | PO No: T6000778 |
| Date Analyzed: | 8/29/2023 | PO Number: | |
| Date Reported: | 8/29/2023 | Number of Samples: | 75 |

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|

Jorge Castillo - Analyst

Kwin Sheena Legaspi - Lab Manager - Approved By

Bulk sample(s) submitted was (were) analyzed in accordance with the procedure outlined in the US Federal Register 40 CFR Appendix E to Subpart E of Part 763; EPA-600/R-93/116 (Method for Determination of Asbestos in Building Materials), and EPA-600/M4-82-020 (US EPA Interim Method for the Determination of Asbestos in Bulk Insulation Samples). Samples were analyzed using Calibrated Visual Estimations (CVES); therefore, results may not be reliable for samples of low asbestos concentration levels. Samples of wall systems containing discrete and separable layers are analyzed separately and reported as composite unless specifically requested by the customer to report analytical results for individual layers. This report applies only to the items tested. Results are representative of the samples submitted and may not represent the entire material from which the samples were collected. "None Detected" means that no asbestos was observed in the sample. "<1%" (less than one percent) or Trace means that asbestos was observed in the sample but the concentration is below the quantifiable level of 1%. This report was issued by a NIST/NVLAP (Lab Code 200358-0) and CA Water Board ELAP (Cert. No. 2540) accredited laboratory and may not be reproduced, except in full without the expressed written consent of Patriot Environmental Laboratory Services, Inc. This report may not be used to claim product certification, approval or endorsement by NIST, NVLAP, CA-ELAP or any government agency.

ASB_Rep_8.23

Lab Use Only: 988751

**Turn Around Time:**
( ) ERS (X) 24 HRS
( ) 48 HRS ( ) 72 HRS

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1041 S. Placentia Avenue, Fullerton, CA 92831

PATRIOT
Environmental Laboratory Services, Inc.

## ASBESTOS FIELD BULK SAMPLE COC

| Project Name: | Project #: | Office Use Only: |
|---|---|---|
| SEQUOIA ELEMENTARY SCHOOL | OC164902 | ☐ MH |

| Project Address: | City: | Zip: |
|---|---|---|
| 5900 IROQUOIS ROAD | WESTMINSTER | 92683 |

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 60 | L4 / WALL | SKIM COAT / PLASTER | | X | INTACT | 3,500 SF |
| 61 | " | | | | | |
| 62 | L5 / | | | | | |
| 63 | BOYS RESTROOM / | | | | | |
| 64 | GIRLS RESTROOM / | | | | | |
| 65 | JANITOR CLOSET / | | | | | |
| 66 | " / CEILING | | | | | |
| 67 | L4 / | 2X4 CEILING PANELS | X | | INTACT | 1,800 SF |
| 68 | L5 / | | | | | |
| 69 | " / | | | | | |
| 70 | " / WALL | 1X1 WALL TILES | X | | INTACT | 600 SF |
| 71 | L4 | | | | | |
| 72 | " | | | | | |
| 73 | " | BROWN WALL TILE ADHESIVE | | X | INTACT | 600 SF |
| 74 | " | | | | | |
| 75 | L5 | | | | | |
| | | | | | | |
| | | | | | | |

DANIEL GONZALES

**Sampled/Relinquished By:** Sign: [signature] Date: 8/22/23 Time: 1530
**Received/ Relinquished By:** Sign: Andrea Rodriguez Date: 8/22/23 Time: 4:28 pm
**Samples Received By:** Sign: Date: Time:

Lab Use Only: 988751

tel - 714-899-8900
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fax - 714-899-1188
PatriotLab.com
1041 S. Placentia Avenue, Fullerton, CA 92831

PATRIOT
Environmental Laboratory Services, Inc.

Project #: OC164902

## ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 76 ~~X1~~ | L51 WALL | 6" BLACK COVE BASE W/ BROWN WALL ADHESIVE | | X | INTACT | 160 SF |
| 77 ~~LB~~ | L51 | | | | | |
| 78 ~~X9~~ | L41 | | | | | |
| 79 ~~20~~ | L41 FLOOR | MULTI COLORED CARPET ADHESIVE | | X | INTACT | 1,800 SF |
| 80 ~~21~~ | L51 | | | | | |
| 81 ~~22~~ | L51 | | | | | |
| 82 ~~23~~ | L61 WALL | SKIM COAT/PLASTER | | X | INTACT | 3,500 SF |
| 83 ~~24~~ | L61 | | | | | |
| 84 ~~25~~ | L71 | | | | | |
| 85 ~~26~~ | L71 | | | | | |
| 86 ~~27~~ | L81 | | | | | |
| 87 ~~28~~ | L81 | | | | | |
| 88 ~~29~~ | L81 | | | | | |
| 89 ~~30~~ | L61 FLOOR | MULTI COLORED CARPET MASTIC | | X | INTACT | 7,700 SF |
| 90 ~~31~~ | L71 | | | | | |
| 91 ~~32~~ | L81 | | | | | |
| 92 ~~33~~ | 11 / CEILING | 2X4 CEILING PANELS | X | | INTACT | 2,700 SF |
| 93 ~~34~~ | L71 | | | | | |
| 94 ~~35~~ | L61 | | | | | |

DENTAL CONTROLS

**Sampled/Relinquished By:** Sign: Daniel Gal Date: 8/22/23 Time: 1530

**Received/ Relinquished By:** Sign: Date: Time:

**Samples Received By:** Sign: Andrea Rodriguez Date: 8/22/23 Time: 4:28 pm

Lab Use Only: 988751

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free - 888-743-0998
fax - 714-899-1188
PatriotLab.com
1041 S. Placentia Avenue, Fullerton, CA 92831

PATRIOT
Environmental Laboratory Services, Inc.

Project #: OC164907

# ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| ~~36~~ 95 | L8 / WALL | 1x1 WALL TILES | X | | INTACT | 900 SF |
| ~~37~~ 96 | L7 / | | | | | |
| ~~38~~ 97 | L6 / | | | | | |
| ~~39~~ 98 | " / WALL | BROWN WALL TILE ADHESIVE | | X | INTACT | 900 SF |
| ~~40~~ 99 | L7 / | | | | | |
| ~~41~~ 100 | L8 / | | | | | |
| ~~42~~ 101 | L8 / WALL | 6" BLACK COVE BASE W/ BROWN WALL ADHESIVE | | X | INTACT | 240 SF |
| ~~43~~ 102 | L7 / | | | | | |
| ~~44~~ 103 | L7 / | | | | | |
| ~~45~~ 104 | L6 / WALL | 4" GRAY COVE BASE W/ BEIGE WALL ADHESIVE | | X | INTACT | 60 SF |
| ~~46~~ 105 | " | | | | | |
| ~~47~~ 106 | " | | | | | |
| ~~48~~ 107 | L3 / WALL | 1x1 WALL TILES | X | | INTACT | 900 SF |
| ~~49~~ 108 | L2 / | | | | | |
| ~~50~~ 109 | L1 / | | | | | |
| ~~51~~ 110 | L1 / WALL | BROWN WALL TILE ADHESIVE | | X | INTACT | 900 SF |
| ~~52~~ 111 | L2 / | | | | | |
| ~~53~~ 112 | L3 / | | | | | |
| | | | | | | |
| | | | | | | |

DANIEL GONZALES

**Sampled/Relinquished By:** Sign: Daniel Gonzales Date: 8/22/23 Time: 1500

**Received/ Relinquished By:** Sign: Date: Time:

**Samples Received By:** Sign: Andrea Rodriguez Date: 8/22/23 Time: 4:28 pm

Certificate of Analysis
**PLM Asbestos Identification**

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PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 989030
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/23/2023
Date Received: 8/23/2023
Date Analyzed: 8/30/2023
Date Reported: 8/31/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 57

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989030-001<br>113 | Building A1, A2, A3<br>Classroom A1 Ceiling | 2x4 Ceiling Tile | White Grey | 40% Mineral Wool<br>50% Cellulose<br>10% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989030-002<br>114 | Building A1, A2, A3<br>Classroom A2 Ceiling | 2x4 Ceiling Tile | White Grey | 40% Mineral Wool<br>50% Cellulose<br>10% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989030-003<br>115 | Building A1, A2, A3<br>Classroom A3 Ceiling | 2x4 Ceiling Tile | White Grey | 40% Mineral Wool<br>50% Cellulose<br>10% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989030-004A<br>116 | Building B1, B2, B3<br>Lounge B1 Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989030-004B<br>116 | Building B1, B2, B3<br>Lounge B1 Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 989030
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/23/2023
Date Received: 8/23/2023
Date Analyzed: 8/30/2023
Date Reported: 8/31/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 57

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989030-005A<br>117 | Building B1, B2, B3 PE Room Ceiling | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989030-005B<br>117 | Building B1, B2, B3 PE Room Ceiling | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989030-006A<br>118 | Building B1, B2, B3 Closet Ceiling | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989030-006B<br>118 | Building B1, B2, B3 Closet Ceiling | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989030-007A<br>119 | Building B1, B2, B3 Lounge B1 Wall | 1x1 Tile | White Grey | 40% Mineral Wool<br>50% Cellulose<br>10% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989030-007B<br>119 | Building B1, B2, B3 Lounge B1 Wall | Mastic | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

Certificate of Analysis
**PLM Asbestos Identification**

tel - 714-607-5227
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OCLab@patriotlab.com
1041 S. Placentia Avenue, Fullerton, CA 92831

PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 989030
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/23/2023
Date Received: 8/23/2023
Date Analyzed: 8/30/2023
Date Reported: 8/31/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 57

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989030-008A<br>120 | Building B1, B2, B3<br>Lounge B1 Wall | 1x1 Tile | White Grey | 40% Mineral Wool<br>50% Cellulose<br>10% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989030-008B<br>120 | Building B1, B2, B3<br>Lounge B1 Wall | Mastic | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989030-009A<br>121 | Building B1, B2, B3<br>Lounge B1 Wall | 1x1 Tile | White Grey | 40% Mineral Wool<br>50% Cellulose<br>10% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989030-009B<br>121 | Building B1, B2, B3<br>Lounge B1 Wall | Mastic | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989030-010A<br>122 | Building B1, B2, B3<br>Classroom B2 Floor | Mastic | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 989030
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/23/2023
Date Received: 8/23/2023
Date Analyzed: 8/30/2023
Date Reported: 8/31/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 57

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989030-010B<br>122 | Building B1, B2, B3<br>Classroom B2 Floor | Mastic | Black | 95% Non-Fibrous Material |
| Chrysotile 5 % | | | | |
| **Total Asbestos** **5 %** | | | | |
| 989030-011A<br>123 | Building B1, B2, B3<br>Classroom B3 Floor | Mastic | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** **None Detected** | | | | |
| 989030-011B<br>123 | Building B1, B2, B3<br>Classroom B3 Floor | Mastic | Black | 95% Non-Fibrous Material |
| Chrysotile 5 % | | | | |
| **Total Asbestos** **5 %** | | | | |
| 989030-012A<br>124 | Building B1, B2, B3<br>Classroom B3 Floor | Mastic | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** **None Detected** | | | | |
| 989030-012B<br>124 | Building B1, B2, B3<br>Classroom B3 Floor | Mastic | Black | 95% Non-Fibrous Material |
| Chrysotile 5 % | | | | |
| **Total Asbestos** **5 %** | | | | |
| 989030-013A<br>125 | Building B1, B2, B3<br>Classroom B2 Wall | 6 Inch Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** **None Detected** | | | | |

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PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 989030
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/23/2023
Date Received: 8/23/2023
Date Analyzed: 8/30/2023
Date Reported: 8/31/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 57

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989030-013B<br>125 | Building B1, B2, B3<br>Classroom B2 Wall | Glue | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989030-014A<br>126 | Building B1, B2, B3<br>Classroom B3 Wall | 6 Inch Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989030-014B<br>126 | Building B1, B2, B3<br>Classroom B3 Wall | Glue | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989030-015A<br>127 | Building B1, B2, B3<br>Classroom B3 Wall | 6 Inch Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989030-015B<br>127 | Building B1, B2, B3<br>Classroom B3 Wall | Glue | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989030-016<br>128 | Building B1, B2, B3<br>Lounge B1 Ceiling | 2x4 Ceiling Tile | White Grey | 40% Mineral Wool<br>50% Cellulose<br>10% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 989030
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/23/2023
Date Received: 8/23/2023
Date Analyzed: 8/30/2023
Date Reported: 8/31/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 57

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989030-017<br>129 | Building B1, B2, B3<br>Classroom B2 Ceiling | 2x4 Ceiling Tile | White Grey | 40% Mineral Wool<br>50% Cellulose<br>10% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989030-018<br>130 | Building B1, B2, B3<br>Classroom B3 Ceiling | 2x4 Ceiling Tile | White Grey | 40% Mineral Wool<br>50% Cellulose<br>10% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989030-019<br>131 | Building B1, B2, B3<br>Pelnum B1 Ceiling | Insulation | Yellow | 100% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989030-020<br>132 | Building B1, B2, B3<br>Pelnum B2 Ceiling | Insulation | Yellow | 100% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989030-021<br>133 | Building B1, B2, B3<br>Pelnum B2 Ceiling | Insulation | Yellow | 100% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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PATRIOT LAB

Westminster School District
Brian Johnson
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Westminster, CA 92683

Report Number: 989030
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/23/2023
Date Received: 8/23/2023
Date Analyzed: 8/30/2023
Date Reported: 8/31/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 57

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989030-022A<br>134 | Building B1, B2, B3<br>Lounge B1 Floor | Mastic | Green | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989030-022B<br>134 | Building B1, B2, B3<br>Lounge B1 Floor | Mastic | Black | 95% Non-Fibrous Material |
| Chrysotile | 5 % | | | |
| **Total Asbestos** | **5 %** | | | |
| 989030-023A<br>135 | Building B1, B2, B3<br>Lounge B1 Floor | Mastic | Green | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989030-023B<br>135 | Building B1, B2, B3<br>Lounge B1 Floor | Mastic | Black | 95% Non-Fibrous Material |
| Chrysotile | 5 % | | | |
| **Total Asbestos** | **5 %** | | | |
| 989030-024A<br>136 | Building B1, B2, B3<br>Lounge B1 Floor | Mastic | Green | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989030-024B<br>136 | Building B1, B2, B3<br>Lounge B1 Floor | Mastic | Black | 95% Non-Fibrous Material |
| Chrysotile | 5 % | | | |
| **Total Asbestos** | **5 %** | | | |

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PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 989030
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/23/2023
Date Received: 8/23/2023
Date Analyzed: 8/30/2023
Date Reported: 8/31/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 57

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989030-025A<br>137 | Building B1, B2, B3<br>Lounge B1 Wall | 6 Inch Cove Base | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989030-025B<br>137 | Building B1, B2, B3<br>Lounge B1 Wall | Glue | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989030-026A<br>138 | Building B1, B2, B3<br>Lounge B1 Wall | 6 Inch Cove Base | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989030-026B<br>138 | Building B1, B2, B3<br>Lounge B1 Wall | Glue | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989030-027A<br>139 | Building B1, B2, B3<br>Lounge B1 Wall | 6 Inch Cove Base | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989030-027B<br>139 | Building B1, B2, B3<br>Lounge B1 Wall | Glue | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 989030
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/23/2023
Date Received: 8/23/2023
Date Analyzed: 8/30/2023
Date Reported: 8/31/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 57

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989030-028A<br>140 | Building B1, B2, B3 Closet Pipe Run | Wrap | White Silver | 90% Cellulose<br>10% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989030-028B<br>140 | Building B1, B2, B3 Closet Pipe Run | Insulation | Yellow | 100% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989030-029A<br>141 | Building B1, B2, B3 Closet Pipe Run | Wrap | White Silver | 90% Cellulose<br>10% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989030-029B<br>141 | Building B1, B2, B3 Closet Pipe Run | Insulation | Yellow | 100% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989030-030A<br>142 | Building B1, B2, B3 Closet Pipe Run | Wrap | White Silver | 90% Cellulose<br>10% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989030-030B<br>142 | Building B1, B2, B3 Closet Pipe Run | Insulation | Yellow | 100% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 989030
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/23/2023
Date Received: 8/23/2023
Date Analyzed: 8/30/2023
Date Reported: 8/31/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 57

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989030-031A<br>143 | Building B1, B2, B3 Closet Boiler | Wrap | White | 90% Cellulose<br>10% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989030-031B<br>143 | Building B1, B2, B3 Closet Boiler | Insulation | Yellow | 100% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989030-032A<br>144 | Building B1, B2, B3 Closet Boiler | Wrap | White | 90% Cellulose<br>10% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989030-032B<br>144 | Building B1, B2, B3 Closet Boiler | Insulation | Yellow | 100% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989030-033A<br>145 | Building B1, B2, B3 Closet Boiler | Wrap | White | 90% Cellulose<br>10% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989030-033B<br>145 | Building B1, B2, B3 Closet Boiler | Insulation | Yellow | 100% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

| | |
|---|---|
| Report Number: | 989030 |
| Project Number: | OC164902 |
| Project Name: | Sequoia Elementary School |
| Project Location: | 5900 Iroquois Road<br>Westminster, 92683 |

| | | | |
|---|---|---|---|
| Date Collected: | 8/23/2023 | Collected By: | Henry Angel |
| Date Received: | 8/23/2023 | Claim Number: | PO No: T6000778 |
| Date Analyzed: | 8/30/2023 | PO Number: | |
| Date Reported: | 8/31/2023 | Number of Samples: | 57 |

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|

Jose Quinones - Analyst

Kwin Sheena Legaspi - Lab Manager - Approved By

Bulk sample(s) submitted was (were) analyzed in accordance with the procedure outlined in the US Federal Register 40 CFR Appendix E to Subpart E of Part 763; EPA-600/R-93/116 (Method for Determination of Asbestos in Building Materials), and EPA-600/M4-82-020 (US EPA Interim Method for the Determination of Asbestos in Bulk Insulation Samples). Samples were analyzed using Calibrated Visual Estimations (CVES); therefore, results may not be reliable for samples of low asbestos concentration levels. Samples of wall systems containing discrete and separable layers are analyzed separately and reported as composite unless specifically requested by the customer to report analytical results for individual layers. This report applies only to the items tested. Results are representative of the samples submitted and may not represent the entire material from which the samples were collected. "None Detected" means that no asbestos was observed in the sample. "<1%" (less than one percent) or Trace means that asbestos was observed in the sample but the concentration is below the quantifiable level of 1%. This report was issued by a NIST/NVLAP (Lab Code 200358-0) and CA Water Board ELAP (Cert. No. 2540) accredited laboratory and may not be reproduced, except in full without the expressed written consent of Patriot Environmental Laboratory Services, Inc. This report may not be used to claim product certification, approval or endorsement by NIST, NVLAP, CA-ELAP or any government agency.

ASB_Rep_8.23

Lab Use Only: 989030

**Turn Around Time:**
( ) ERS ( ) 24 HRS
( ) 48 HRS (X) 72 HRS

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1041 S. Placentia Avenue, Fullerton, CA 92831

PATRIOT
Environmental Laboratory Services, Inc.

## ASBESTOS FIELD BULK SAMPLE COC

8/24/23 12:30

| Project Name: | Project #: |
|---|---|
| Sequoia Elementary School | 0464902 |

| Project Address: | City: | Zip: |
|---|---|---|
| 5900 Iroquois Road | Westminster | 92683 |

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 113 | Bldg A1,A2,A3 - Classrm A-1 @ Ceiling | White 2x4 CT | X | | Intact | 2700ø |
| 114 | Classrm A-2 @ | " | " | | " | " |
| 115 | Classrm A-3 @ | " | " | | " | " |
| 116 | Bldg B1,B2,B3 - Lounge B-1 - @ Wall | SC/PL | | X | Intact | 420ø |
| 117 | PE Room @ Ceiling | " | | " | " | " |
| 118 | CL @ " | " | | " | " | |
| 119 | Lounge B-1 @ Wall | White 1x1 tile W Brown Mastic | X | | Intact | 240ø |
| 120 | " " | " " | " | | " | " |
| 121 | " " | " " | " | | " | " |
| 122 | Classrm B2 @ floor | Yellow/Black mastic | | X | Intact | Under Blue Carpet 1800ø |
| 123 | Classrm B3 | " | | " | " | " |
| 124 | " " | " " | | " | " | " |
| 125 | Classrm B2 @ Wall | Blk 6in CB W TAN glue | | X | Intact | 30 ø |
| 126 | Classrm B3 | " | | " | " | " |
| 127 | " " | " " | | " | " | " |
| 128 | Lounge B-1 - @ Ceiling | White 2x4 CT | X | | Intact | 2700ø |

| | | | |
|---|---|---|---|
| Sampled/Relinquished-Print/Sign: | Henry Angel HA | Date: 8-23-23 | Time: 1:30pm |
| Received/Relinquished-Print/Sign: | | Date: | Time: |
| Received-Print/Sign: | Kathryn Medina KM | Date: 8.23.23 | Time: 3pm |

Page _____ of _____

Lab Use Only: 989030

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free - 855-507-8900
fax - 310-697-0177
PatriotLab.com
5830B Hannum Avenue, Culver City, CA 90230

PATRIOT
Environmental Laboratory Services, Inc.

Project #: OC164902

## ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 129 | Bldg B1, B2, B3 - Classrm B-2 @ Ceiling | White 2x4 CT | X | | Intact | 2700ft |
| 130 | Classrm. B-3 | 〃 〃 | X | | 〃 | 〃 |
| 131 | PE Lawn B-1 | Yellow insulation | X | | Intact | 2700ft |
| 132 | PE Lawn B-2 | 〃 〃 | X | | 〃 | 〃 |
| 133 | PE Lawn B-2 | 〃 〃 | X | | 〃 | 〃 |
| 134 | Lounge B1 @ Floor | Green/Blk mastic | X | | 〃 | Under ~~Blue~~ Grey Carpet 900ft |
| 135 | ~~Classrm B-2~~ | 〃 〃 | X | | 〃 | 〃 〃 |
| 136 | ~~Classrm B-3~~ | 〃 〃 | X | | 〃 | 〃 〃 |
| 137 | Lounge B1 @ Wall | Grey 6in CB w TAN glue | | X | 〃 | 20ft |
| 138 | 〃 〃 | 〃 〃 | | X | 〃 | 〃 |
| 139 | 〃 〃 | 〃 〃 | | X | 〃 | 〃 |
| 140 | Closet @ Pipe Run | White wrap w yellow insulation | X | | 〃 | 65ft |
| 141 | 〃 〃 | 〃 〃 | X | | 〃 | 〃 |
| 142 | 〃 〃 | 〃 〃 | X | | 〃 | 〃 |
| 143 | @ Boiler | White wrap w yellow insulation | X | | 〃 | 30ft |
| 144 | 〃 〃 | 〃 〃 | X | | 〃 | 〃 |
| 145 | 〃 〃 | 〃 〃 | X | | 〃 | 〃 |
| ~~146~~ | | | | | | |
| ~~147~~ | | | | | | |

| | | | |
|---|---|---|---|
| Sampled/Relinquished-Print/Sign: Henry Angel HA | Date: 8-23-23 | Time: 1:30pm |
| Received/Relinquished-Print/Sign: | Date: | Time: |
| Received-Print/Sign: Kathryn Medina KM | Date: 8.23.23 | Time: 2pm |

Certificate of Analysis
**PLM Asbestos Identification**

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1041 S. Placentia Avenue, Fullerton, CA 92831

PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 989161
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/23/2023
Date Received: 8/24/2023
Date Analyzed: 8/26/2023
Date Reported: 8/31/2023

Collected By: Daniel Gonzales
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 74

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989161-001A<br>146 | Library Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-001B<br>146 | Library Wall | Plaster | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-002A<br>147 | Library Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-002B<br>147 | Library Wall | Plaster | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-003A<br>148 | Library Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-003B<br>148 | Library Wall | Plaster | Gray Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

Certificate of Analysis
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PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 989161
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/23/2023
Date Received: 8/24/2023
Date Analyzed: 8/26/2023
Date Reported: 8/31/2023

Collected By: Daniel Gonzales
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 74

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989161-004A<br>149 | Storage 1 Ceiling | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-004B<br>149 | Storage 1 Ceiling | Plaster | Gray Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-005A<br>150 | Storage 2 Ceiling | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-005B<br>150 | Storage 2 Ceiling | Plaster | Gray Beige | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-006A<br>151 | Inovation Lab Wall | Drywall | White | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989161-006B<br>151 | Inovation Lab Wall | Joint Compound | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Date Reported: 8/31/2023

Collected By: Daniel Gonzales
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 74

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989161-007A<br>152 | Inovation Lab Wall | Drywall | White | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989161-007B<br>152 | Inovation Lab Wall | Joint Compound | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-008A<br>153 | Library Wall | Drywall | White | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989161-008B<br>153 | Library Wall | Joint Compound | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-009<br>154 | Library Wall | Texture | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-010<br>155 | Innovation Lab Wall | Texture | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Date Reported: 8/31/2023

Collected By: Daniel Gonzales
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 74

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989161-011<br>156 | Innovation Lab Wall | Texture | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-012<br>157 | Library Wall | 1x1 Wall Tiles | Beige | 80% Non-Fibrous Material<br>15% Cellulose<br>5% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989161-013<br>158 | Library Wall | 1x1 Wall Tiles | Beige | 80% Non-Fibrous Material<br>15% Cellulose<br>5% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989161-014<br>159 | Library Wall | 1x1 Wall Tiles | Beige | 80% Non-Fibrous Material<br>15% Cellulose<br>5% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989161-015<br>160 | Library Wall | Wall Tile Adhesive | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Daniel Gonzales
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 74

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989161-016<br>161 | Library Wall | Wall Tile Adhesive | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-017<br>162 | Library Wall | Wall Tile Adhesive | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-018A<br>163 | Library Wall | Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-018B<br>163 | Library Wall | Adhesive | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-019A<br>164 | Library Wall | Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-019B<br>164 | Library Wall | Adhesive | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Date Reported: 8/31/2023

Collected By: Daniel Gonzales
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 74

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989161-020A<br>165 | Innovation Lab Wall | Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-020B<br>165 | Innovation Lab Wall | Adhesive | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-021<br>166 | Library Floor | Carpet Mastic | Yellow Black | 95% Non-Fibrous Material |
| Chrysotile | 5 % | | | |
| **Total Asbestos** | **5 %** | | | |
| 989161-022<br>167 | Library Floor | Carpet Mastic | Yellow Black | 95% Non-Fibrous Material |
| Chrysotile | 5 % | | | |
| **Total Asbestos** | **5 %** | | | |
| 989161-023<br>168 | Library Floor | Carpet Mastic | Yellow Black | 95% Non-Fibrous Material |
| Chrysotile | 5 % | | | |
| **Total Asbestos** | **5 %** | | | |

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Collected By: Daniel Gonzales
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PO Number:
Number of Samples: 74

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989161-024<br>169 | Library Floor | Floor Mastic | Gray Black | 95% Non-Fibrous Material |
| Chrysotile 5 % | | | | |
| **Total Asbestos** **5 %** | | | | |
| 989161-025<br>170 | Innovation Lab Floor | Floor Mastic | Gray Black | 95% Non-Fibrous Material |
| Chrysotile 5 % | | | | |
| **Total Asbestos** **5 %** | | | | |
| 989161-026<br>171 | Innovation Lab Floor | Floor Mastic | Gray Black | 95% Non-Fibrous Material |
| Chrysotile 5 % | | | | |
| **Total Asbestos** **5 %** | | | | |
| 989161-027<br>172 | Innovation Lab Ceiling | 2x4 Ceiling Panel | White Gray | 40% Mineral Wool<br>50% Cellulose<br>10% Non-Fibrous Material |
| **Total Asbestos** **None Detected** | | | | |
| 989161-028<br>173 | Innovation Lab Ceiling | 2x4 Ceiling Panel | White Gray | 40% Mineral Wool<br>50% Cellulose<br>10% Non-Fibrous Material |
| **Total Asbestos** **None Detected** | | | | |

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Collected By: Daniel Gonzales
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 74

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989161-029<br>174 | Library Ceiling | 2x4 Ceiling Panel | White Gray | 40% Mineral Wool<br>50% Cellulose<br>10% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-030A<br>175 | B4 Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-030B<br>175 | B4 Wall | Plaster | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-031A<br>176 | B5 Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-031B<br>176 | B5 Wall | Plaster | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-032A<br>177 | Janitor Closet Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Daniel Gonzales
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 74

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989161-032B<br>177 | Janitor Closet Wall | Plaster | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-033A<br>178 | Janitor Closet Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-033B<br>178 | Janitor Closet Wall | Plaster | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-034A<br>179 | Janitor Closet Ceiling | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-034B<br>179 | Janitor Closet Ceiling | Plaster | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-035A<br>180 | B4 Wall | 4" / 6" Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Daniel Gonzales
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 74

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989161-035B<br>180 | B4 Wall | Wall Adhesive | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-036A<br>181 | B4 Wall | 4" / 6" Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-036B<br>181 | B4 Wall | Wall Adhesive | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-037A<br>182 | B4 Wall | 4" / 6" Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-037B<br>182 | B4 Wall | Wall Adhesive | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-038A<br>183 | B5 Wall | 4" Cove Base | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Daniel Gonzales
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PO Number:
Number of Samples: 74

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989161-038B<br>183 | B5 Wall | Wall Adhesive | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-039A<br>184 | B5 Wall | 4" Cove Base | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-039B<br>184 | B5 Wall | Wall Adhesive | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-040A<br>185 | B5 Wall | 4" Cove Base | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-040B<br>185 | B5 Wall | Wall Adhesive | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-041<br>186 | B5 Floor | Carpet Mastic | Tan Black | 95% Non-Fibrous Material |
| Chrysotile | 5 % | | | |
| **Total Asbestos** | **5 %** | | | |

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PO Number:
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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989161-042<br>187 | B5 Floor | Carpet Mastic | Yellow Black | 95% Non-Fibrous Material |
| Chrysotile | 5 % | | | |
| **Total Asbestos** | **5 %** | | | |
| 989161-043<br>188 | B5 Floor | Carpet Mastic | Yellow Black | 95% Non-Fibrous Material |
| Chrysotile | 5 % | | | |
| **Total Asbestos** | **5 %** | | | |
| 989161-044<br>189 | B4 Ceiling | 2x4 Ceiling Tile | White Yellow | 90% Glass Fibers<br>10% Non-Fiberous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-045<br>190 | B5 Ceiling | 2x4 Ceiling Tile | White Yellow | 90% Glass Fibers<br>10% Non-Fiberous Material |
| **Total Asbestos** | **None Detected** | | | |

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PO Number:
Number of Samples: 74

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989161-046<br>191 | B5 Ceiling | 2x4 Ceiling Tile | White Yellow | 90% Glass Fibers<br>10% Non-Fiberous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-047<br>192 | B5 Wall | 1x1 Wall Tile | White Gray | 40% Mineral Wool<br>50% Cellulose<br>10% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-048<br>193 | B5 Wall | 1x1 Wall Tile | White Gray | 40% Mineral Wool<br>50% Cellulose<br>10% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-049<br>194 | B4 Wall | 1x1 Wall Tile | White Gray | 40% Mineral Wool<br>50% Cellulose<br>10% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Number of Samples: 74

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989161-050<br>195 | B4 Wall | Wall Tile Adhesive | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-051<br>196 | B5 Wall | Wall Tile Adhesive | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989161-052<br>197 | B5 Wall | Wall Tile Adhesive | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

Jorge Castillo - Analyst

Kwin Sheena Legaspi - Lab Manager - Approved By

Bulk sample(s) submitted was (were) analyzed in accordance with the procedure outlined in the US Federal Register 40 CFR Appendix E to Subpart E of Part 763; EPA-600/R-93/116 (Method for Determination of Asbestos in Building Materials), and EPA-600/M4-82-020 (US EPA Interim Method for the Determination of Asbestos in Bulk Insulation Samples). Samples were analyzed using Calibrated Visual Estimations (CVES); therefore, results may not be reliable for samples of low asbestos concentration levels. Samples of wall systems containing discrete and separable layers are analyzed separately and reported as composite unless specifically requested by the customer to report analytical results for individual layers. This report applies only to the items tested. Results are representative of the samples submitted and may not represent the entire material from which the samples were collected. "None Detected" means that no asbestos was observed in the sample. "<1%" (less than one percent) or Trace means that asbestos was observed in the sample but the concentration is below the quantifiable level of 1%. This report was issued by a NIST/NVLAP (Lab Code 200358-0) and CA Water Board ELAP (Cert. No. 2540) accredited laboratory and may not be reproduced, except in full without the expressed written consent of Patriot Environmental Laboratory Services, Inc. This report may not be used to claim product certification, approval or endorsement by NIST, NVLAP, CA-ELAP or any government agency.

ASB_Rep_8.23

Lab Use Only: 989161

**Turn Around Time:**
( ) ERS ( ) 24 HRS
( ) 48 HRS (X) 72 HRS

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1041 S. Placentia Avenue, Fullerton, CA 92831

PATRIOT Environmental Laboratory Services, Inc.

8/24 2:30

## ASBESTOS FIELD BULK SAMPLE COC

| Project Name: | Project #: | Office Use Only: |
|---|---|---|
| SEQUOIA ELEMENTARY SCHOOL | OC164902 | ☐ MH |

| Project Address: | City: | Zip: |
|---|---|---|
| 5900 IROQUOIS ROAD | WESTMINSTER | 92683 |

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 146 | LIBRARY/WALL | SKIM COAT/PLASTER | | X | INTACT | 2,500 SF |
| 147 | " | | | | | |
| 148 | " | | | | | |
| 149 | STORAGE I/CEILING | | | | | |
| 150 | " 2/ | | | | | |
| 151 | INNOVATION LAB / WALL | DRYWALL W/JOINT COMPOUND | | X | INTACT | 500 SF |
| 152 | " | | | | | |
| 153 | LIBRARY / | | | | | |
| 154 | " / WALL | TEXTURE | | X | INTACT | 500 SF |
| 155 | INNOVATION LAB / | | | | | |
| 156 | " | | | | | |
| 157 | LIBRARY/ WALL | 1X1 WALL TILES | X | | INTACT | 600 SF |
| 158 | | | | | | |
| 159 | | | | | | |
| 160 | LIBRARY / WALL | BROWN WALL TILE ADHESIVE | | X | INTACT | 600 SF |
| 161 | | | | | | |
| 162 | | | | | | |

DANIEL GONZALES

| | | | |
|---|---|---|---|
| **Sampled/Relinquished By:** Sign: Daniel Gonzales | Date: 08/23/23 | Time: 1530 |
| **Received/ Relinquished By:** Sign: | Date: | Time: |
| **Samples Received By:** Sign: Katherine Meier KM | Date: 8-23-23 | Time: 415 |

Lab Use Only: 989161

tel - 714-899-8900
free - 888-743-0998
fax - 714-899-1188
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1041 S. Placentia Avenue, Fullerton, CA 92831

PATRIOT
Environmental Laboratory Services, Inc.

Project #: 00164907

## ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type 4"/6" | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 163 | LIBRARY / WALL | BLACK COVE BASE W/ TAN WALL ADHESIVE | | X | INTACT | 80 SF |
| 164 | " | | | | | |
| 165 | INNOVATION LAB / | | | | | |
| 166 | LIBRARY / FLOOR | MULTI COLORED CARPET MASTIC | | X | INTACT | 900 SF |
| 167 | | | | | | |
| 168 | | | | | | |
| 169 | / FLOOR | MULTI COLORED FLOOR MASTIC | | X | INTACT | 900 SF |
| 170 | INNOVATION LAB / | | | | | |
| 171 | | | | | | |
| 172 | / CEILING | 2X4 CEILING PANELS | X | | INTACT | 1,800 SF |
| 173 | | | | | | |
| 174 | LIBRARY / | | | | | |
| 175 | B4 / WALL | SKIM COAT / PLASTER | | X | INTACT | 2,500 |
| 176 | B5 / | | | | | |
| 177 | JANITOR CLOSET / | | | | | |
| 178 | | | | | | |
| 179 | CEILING | | | | | |
| | | | | | | |
| | | | | | | |

DANIEL GONZALES

**Sampled/Relinquished By:** Sign: Daniel Gonzales Date: 08/23/23 Time: 1530

**Received/ Relinquished By:** Sign: Date: Time:

**Samples Received By:** Sign: Date: 8.23.23 Time: 415

Lab Use Only: 9891161

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free - 888-743-0998
fax - 714-899-1188
PatriotLab.com
1041 S. Placentia Avenue, Fullerton, CA 92831

PATRIOT
Environmental Laboratory Services, Inc.

Project #: OC164902

## ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 180 | B4/ WALL | 4"/6" BLACK COVE BASE W/TAN WALL ADHESIVE | | X | INTACT | 50 SF |
| 181 | ↓ | ↓ | | ↓ | ↓ | ↓ |
| 182 | ↓ | ↓ | | ↓ | ↓ | ↓ |
| 183 | B5/WALL | 4" GRAY COVE BASE W/ BEIGE WALL ADHESIVE | | X | INTACT | 50 SF |
| 184 | ↓ | ↓ | | ↓ | ↓ | ↓ |
| 185 | ↓ | ↓ | | ↓ | ↓ | ↓ |
| 186 | B5/FLOOR | MULTI COLORED CARPET MASTIC | | X | INTACT | 1,800 SF |
| 187 | B4/ ↓ | ↓ | | ↓ | ↓ | ↓ |
| 188 | ↓ | ↓ | | ↓ | ↓ | ↓ |
| 189 | ↓ /CEILING | 2X4 FIBERGLASS CEILING TILES | X | | INTACT | 1,800 SF |
| 190 | B5 / ↓ | ↓ | ↓ | | ↓ | ↓ |
| 191 | ↓ | ↓ | ↓ | | ↓ | ↓ |
| 192 | /WALL | 1X1 WALL TILE | X | | INTACT | 500 SF |
| 193 | ↓ | ↓ | ↓ | | ↓ | ↓ |
| 194 | B4/ ↓ | ↓ | ↓ | | ↓ | ↓ |
| 195 | /WALL | BROWN WALL TILE ADHESIVE | | X | INTACT | 500 SF |
| 196 | B5/ ↓ | ↓ | | ↓ | ↓ | ↓ |
| 197 | ↓ | ↓ | | ↓ | ↓ | ↓ |
| | | | | | | |

DANIEL GONZALES

**Sampled/Relinquished By:** Sign: Daniel Gonzales Date: 08/23/23 Time: 1530

**Received/ Relinquished By:** Sign: Date: Time:

**Samples Received By:** Sign: Katie Mell KM Date: 8.23.23 Time: 4:15

Certificate of Analysis
**PLM Asbestos Identification**

tel - 714-607-5227
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OCLab@patriotlab.com
1041 S. Placentia Avenue, Fullerton, CA 92831

PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 989067
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/23/2023
Date Received: 8/23/2023
Date Analyzed: 8/25/2023
Date Reported: 8/30/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 177

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989067-001A<br>198 | Building 6, 7, 8 Classroom 8 Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989067-001B<br>198 | Building 6, 7, 8 Classroom 8 Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989067-002A<br>199 | Building 6, 7, 8 Classroom 7 Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989067-002B<br>199 | Building 6, 7, 8 Classroom 7 Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989067-003A<br>200 | Building 6, 7, 8 Classroom 6 Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989067-003B<br>200 | Building 6, 7, 8 Classroom 6 Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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PATRIOT LAB

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Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 989067
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/23/2023
Date Received: 8/23/2023
Date Analyzed: 8/25/2023
Date Reported: 8/30/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 177

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989067-004A<br>201 | Building 6, 7, 8 Classroom 6 Wall | 1x1 Tile | White Grey | 40% Mineral Wool<br>50% Cellulose<br>10% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989067-004B<br>201 | Building 6, 7, 8 Classroom 6 Wall | Mastic | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989067-005A<br>202 | Building 6, 7, 8 Classroom 7 Wall | 1x1 Tile | White Grey | 40% Mineral Wool<br>50% Cellulose<br>10% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989067-005B<br>202 | Building 6, 7, 8 Classroom 7 Wall | Mastic | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989067-006A<br>203 | Building 6, 7, 8 Classroom 7 Wall | 1x1 Tile | White Grey | 40% Mineral Wool<br>50% Cellulose<br>10% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 989067
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/23/2023
Date Received: 8/23/2023
Date Analyzed: 8/25/2023
Date Reported: 8/30/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 177

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989067-006B<br>203 | Building 6, 7, 8 Classroom 7 Wall | Mastic | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989067-007A<br>204 | Building 6, 7, 8 Classroom 6 Wall | 6 Inch Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989067-007B<br>204 | Building 6, 7, 8 Classroom 6 Wall | Glue | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989067-008A<br>205 | Building 6, 7, 8 Classroom 6 Wall | 6 Inch Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989067-008B<br>205 | Building 6, 7, 8 Classroom 6 Wall | Glue | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989067-009A<br>206 | Building 6, 7, 8 Classroom 8 Wall | 6 Inch Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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PATRIOT LAB

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Report Number: 989067
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/23/2023
Date Received: 8/23/2023
Date Analyzed: 8/25/2023
Date Reported: 8/30/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 177

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989067-009B<br>206 | Building 6, 7, 8 Classroom 8 Wall | Glue | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989067-010A<br>207 | Building 6, 7, 8 Classroom 7 Wall | 6 Inch Cove Base | Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989067-010B<br>207 | Building 6, 7, 8 Classroom 7 Wall | Glue | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989067-011A<br>208 | Building 6, 7, 8 Classroom 7 Wall | 6 Inch Cove Base | Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989067-011B<br>208 | Building 6, 7, 8 Classroom 7 Wall | Glue | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989067-012A<br>209 | Building 6, 7, 8 Classroom 7 Wall | 6 Inch Cove Base | Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Report Number: 989067
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/23/2023
Date Received: 8/23/2023
Date Analyzed: 8/25/2023
Date Reported: 8/30/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 177

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989067-012B<br>209 | Building 6, 7, 8 Classroom 7 Wall | Glue | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989067-013A<br>210 | Building 6, 7, 8 Classroom 8 Floor | Mastic | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989067-013B<br>210 | Building 6, 7, 8 Classroom 8 Floor | Mastic | Black | 95% Non-Fibrous Material |
| Chrysotile | 5 % | | | |
| **Total Asbestos** | **5 %** | | | |
| 989067-014A<br>211 | Building 6, 7, 8 Classroom 7 Floor | Mastic | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989067-014B<br>211 | Building 6, 7, 8 Classroom 7 Floor | Mastic | Black | 95% Non-Fibrous Material |
| Chrysotile | 5 % | | | |
| **Total Asbestos** | **5 %** | | | |
| 989067-015A<br>212 | Building 6, 7, 8 Classroom 7 Floor | Mastic | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

Certificate of Analysis
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PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 989067
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/23/2023
Date Received: 8/23/2023
Date Analyzed: 8/25/2023
Date Reported: 8/30/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 177

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989067-015B<br>212 | Building 6, 7, 8 Classroom 7 Floor | Mastic | Black | 95% Non-Fibrous Material |
| Chrysotile 5 % | | | | |
| **Total Asbestos** **5 %** | | | | |
| 989067-016<br>213 | Building 6, 7, 8 Classroom 8 Ceiling | 2x4 Ceiling Tile | White Grey | 40% Mineral Wool<br>50% Cellulose<br>10% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989067-017<br>214 | Building 6, 7, 8 Classroom 7 Ceiling | 2x4 Ceiling Tile | White Grey | 40% Mineral Wool<br>50% Cellulose<br>10% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989067-018<br>215 | Building 6, 7, 8 Classroom 6 Ceiling | 2x4 Ceiling Tile | White Grey | 40% Mineral Wool<br>50% Cellulose<br>10% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989067-019A<br>216 | Building 6, 7, 8 Classroom B6 Floors | Glue | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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PATRIOT LAB

Westminster School District
Brian Johnson
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Westminster, CA 92683

Report Number: 989067
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/23/2023
Date Received: 8/23/2023
Date Analyzed: 8/25/2023
Date Reported: 8/30/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 177

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989067-019B<br>216 | Building 6, 7, 8 Classroom B6 Floors | Mastic | Black | 95% Non-Fibrous Material |
| Chrysotile 5 % | | | | |
| **Total Asbestos** **5 %** | | | | |
| 989067-020A<br>217 | Building 6, 7, 8 Classroom B6 Floors | Glue | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989067-020B<br>217 | Building 6, 7, 8 Classroom B6 Floors | Mastic | Black | 95% Non-Fibrous Material |
| Chrysotile 5 % | | | | |
| **Total Asbestos** **5 %** | | | | |
| 989067-021A<br>218 | Building 6, 7, 8 Classroom B6 Floors | Glue | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989067-021B<br>218 | Building 6, 7, 8 Classroom B6 Floors | Mastic | Black | 95% Non-Fibrous Material |
| Chrysotile 5 % | | | | |
| **Total Asbestos** **5 %** | | | | |
| 989067-022<br>219 | Building 6, 7, 8 Classroom B6 Plenum | Insulation | Yellow | 100% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

Certificate of Analysis
**PLM Asbestos Identification**

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PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 989067
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/23/2023
Date Received: 8/23/2023
Date Analyzed: 8/25/2023
Date Reported: 8/30/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 177

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989067-023<br>220 | Building 6, 7, 8 Classroom B7 Plenum | Insulation | Yellow | 100% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-024<br>221 | Building 6, 7, 8 Classroom B8 Plenum | Insulation | Yellow | 100% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-025A<br>222 | Building A1, A2, A3 Flat Roof | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-025B<br>222 | Building A1, A2, A3 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-025C<br>222 | Building A1, A2, A3 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 989067
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/23/2023
Date Received: 8/23/2023
Date Analyzed: 8/25/2023
Date Reported: 8/30/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 177

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989067-025D<br>222 | Building A1, A2, A3 Flat Roof | Roofing Material | Brown Black | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989067-026A<br>223 | Building A1, A2, A3 Flat Roof | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-026B<br>223 | Building A1, A2, A3 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-026C<br>223 | Building A1, A2, A3 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-026D<br>223 | Building A1, A2, A3 Flat Roof | Roofing Material | Brown Black | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

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Westminster School District
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Report Number: 989067
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/23/2023
Date Received: 8/23/2023
Date Analyzed: 8/25/2023
Date Reported: 8/30/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 177

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989067-027A<br>224 | Building A1, A2, A3 Flat Roof | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-027B<br>224 | Building A1, A2, A3 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-027C<br>224 | Building A1, A2, A3 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-027D<br>224 | Building A1, A2, A3 Flat Roof | Roofing Material | Brown Black | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989067-028A<br>225 | Building A1, A2, A3 Flat Roof | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Westminster School District
Brian Johnson
14121 Cedarwood Avenue
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Report Number: 989067
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/23/2023
Date Received: 8/23/2023
Date Analyzed: 8/25/2023
Date Reported: 8/30/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 177

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989067-028B<br>225 | Building A1, A2, A3 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-028C<br>225 | Building A1, A2, A3 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-028D<br>225 | Building A1, A2, A3 Flat Roof | Roofing Material | Brown Black | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989067-029A<br>226 | Building A1, A2, A3 Flat Roof | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-029B<br>226 | Building A1, A2, A3 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

Certificate of Analysis
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PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 989067
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/23/2023
Date Received: 8/23/2023
Date Analyzed: 8/25/2023
Date Reported: 8/30/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 177

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989067-029C<br>226 | Building A1, A2, A3 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-029D<br>226 | Building A1, A2, A3 Flat Roof | Roofing Material | Brown Black | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989067-030A<br>227 | Building A1, A2, A3 Flat Roof | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-030B<br>227 | Building A1, A2, A3 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-030C<br>227 | Building A1, A2, A3 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Date Reported: 8/30/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 177

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989067-030D<br>227 | Building A1, A2, A3 Flat Roof | Roofing Material | Brown Black | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989067-031<br>228 | Building A1, A2, A3 Penetration | Mastic | White Black | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989067-032<br>229 | Building A1, A2, A3 Penetration | Mastic | White Black | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989067-033<br>230 | Building A1, A2, A3 Penetration | Mastic | White Black | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989067-034A<br>231 | Building A4, A5 Flat Roof | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Date Reported: 8/30/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 177

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989067-034B<br>231 | Building A4, A5 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-034C<br>231 | Building A4, A5 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-034D<br>231 | Building A4, A5 Flat Roof | Roofing Material | Brown Black | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989067-035A<br>232 | Building A4, A5 Flat Roof | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-035B<br>232 | Building A4, A5 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 177

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989067-035C<br>232 | Building A4, A5 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-035D<br>232 | Building A4, A5 Flat Roof | Roofing Material | Brown Black | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989067-036A<br>233 | Building A4, A5 Flat Roof | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-036B<br>233 | Building A4, A5 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-036C<br>233 | Building A4, A5 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Date Reported: 8/30/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 177

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989067-036D<br>233 | Building A4, A5 Flat Roof | Roofing Material | Brown Black | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989067-037A<br>234 | Building A4, A5 Flat Roof | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-037B<br>234 | Building A4, A5 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-037C<br>234 | Building A4, A5 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-037D<br>234 | Building A4, A5 Flat Roof | Roofing Material | Brown Black | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 177

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989067-038A<br>235 | Building A4, A5 Flat Roof | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-038B<br>235 | Building A4, A5 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-038C<br>235 | Building A4, A5 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-038D<br>235 | Building A4, A5 Flat Roof | Roofing Material | Brown Black | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989067-039A<br>236 | Building A4, A5 Flat Roof | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Henry Angel
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PO Number:
Number of Samples: 177

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989067-039B<br>236 | Building A4, A5 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-039C<br>236 | Building A4, A5 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-039D<br>236 | Building A4, A5 Flat Roof | Roofing Material | Brown Black | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989067-040<br>237 | Building A4, A5 Penetrations | Mastic | White Black | 90% Non-Fibrous Material<br>5% Cellulose<br>5% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-041<br>238 | Building A4, A5 Penetrations | Mastic | White Black | 90% Non-Fibrous Material<br>5% Cellulose<br>5% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Date Reported: 8/30/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 177

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989067-042<br>239 | Building A4, A5 Penetrations | Mastic | White Black | 90% Non-Fibrous Material<br>5% Cellulose<br>5% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-043A<br>240 | Building A6, A7, A8 Flat Roof | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-043B<br>240 | Building A6, A7, A8 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-043C<br>240 | Building A6, A7, A8 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-043D<br>240 | Building A6, A7, A8 Flat Roof | Roofing Material | Brown Black | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

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Date Reported: 8/30/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 177

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989067-044A<br>241 | Building A6, A7, A8 Flat Roof | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-044B<br>241 | Building A6, A7, A8 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-044C<br>241 | Building A6, A7, A8 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-044D<br>241 | Building A6, A7, A8 Flat Roof | Roofing Material | Brown Black | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989067-045A<br>242 | Building A6, A7, A8 Flat Roof | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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PO Number:
Number of Samples: 177

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989067-045B<br>242 | Building A6, A7, A8 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-045C<br>242 | Building A6, A7, A8 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-045D<br>242 | Building A6, A7, A8 Flat Roof | Roofing Material | Brown Black | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989067-046A<br>243 | Building A6, A7, A8 Flat Roof | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-046B<br>243 | Building A6, A7, A8 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 177

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989067-046C<br>243 | Building A6, A7, A8 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-046D<br>243 | Building A6, A7, A8 Flat Roof | Roofing Material | Brown Black | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989067-047A<br>244 | Building A6, A7, A8 Flat Roof | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-047B<br>244 | Building A6, A7, A8 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-047C<br>244 | Building A6, A7, A8 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Henry Angel
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PO Number:
Number of Samples: 177

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989067-047D<br>244 | Building A6, A7, A8 Flat Roof | Roofing Material | Brown Black | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989067-048A<br>245 | Building A6, A7, A8 Flat Roof | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-048B<br>245 | Building A6, A7, A8 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-048C<br>245 | Building A6, A7, A8 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-048D<br>245 | Building A6, A7, A8 Flat Roof | Roofing Material | Brown Black | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 177

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989067-049<br>246 | Building A6, A7, A8 Penetration | Mastic | White Black | 90% Non-Fibrous Material<br>5% Cellulose<br>5% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-050<br>247 | Building A6, A7, A8 Penetration | Mastic | White Black | 90% Non-Fibrous Material<br>5% Cellulose<br>5% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-051<br>248 | Building A6, A7, A8 Penetration | Mastic | White Black | 90% Non-Fibrous Material<br>5% Cellulose<br>5% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-052A<br>249 | Building B1, B2, B3 Flat Roof | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-052B<br>249 | Building B1, B2, B3 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 177

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989067-052C<br>249 | Building B1, B2, B3 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-052D<br>249 | Building B1, B2, B3 Flat Roof | Roofing Material | Brown Black | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989067-053A<br>250 | Building B1, B2, B3 Flat Roof | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-053B<br>250 | Building B1, B2, B3 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-053C<br>250 | Building B1, B2, B3 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

Certificate of Analysis
**PLM Asbestos Identification**

tel - 714-607-5227
free - 855-968-7522
OCLab@patriotlab.com
1041 S. Placentia Avenue, Fullerton, CA 92831

PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 989067
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/23/2023
Date Received: 8/23/2023
Date Analyzed: 8/25/2023
Date Reported: 8/30/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 177

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989067-053D<br>250 | Building B1, B2, B3 Flat Roof | Roofing Material | Brown Black | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989067-054A<br>251 | Building B1, B2, B3 Flat Roof | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-054B<br>251 | Building B1, B2, B3 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-054C<br>251 | Building B1, B2, B3 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-054D<br>251 | Building B1, B2, B3 Flat Roof | Roofing Material | Brown Black | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

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Date Reported: 8/30/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 177

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989067-055A<br>252 | Building B1, B2, B3 Flat Roof | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-055B<br>252 | Building B1, B2, B3 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-055C<br>252 | Building B1, B2, B3 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-055D<br>252 | Building B1, B2, B3 Flat Roof | Roofing Material | Brown Black | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989067-056A<br>253 | Building B1, B2, B3 Flat Roof | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Date Reported: 8/30/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 177

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989067-056B<br>253 | Building B1, B2, B3 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-056C<br>253 | Building B1, B2, B3 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-056D<br>253 | Building B1, B2, B3 Flat Roof | Roofing Material | Brown Black | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989067-057A<br>254 | Building B1, B2, B3 Flat Roof | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-057B<br>254 | Building B1, B2, B3 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Project Number: OC164902
Project Name: Sequoia Elementary School
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Date Collected: 8/23/2023
Date Received: 8/23/2023
Date Analyzed: 8/25/2023
Date Reported: 8/30/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 177

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989067-057C<br>254 | Building B1, B2, B3 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-057D<br>254 | Building B1, B2, B3 Flat Roof | Roofing Material | Brown Black | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989067-058<br>255 | Building B1, B2, B3 Pentrations | Mastic | White Black | 90% Non-Fibrous Material<br>5% Cellulose<br>5% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-059<br>256 | Building B1, B2, B3 Pentrations | Mastic | White Black | 90% Non-Fibrous Material<br>5% Cellulose<br>5% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-060<br>257 | Building B1, B2, B3 Pentrations | Mastic | White Black | 90% Non-Fibrous Material<br>5% Cellulose<br>5% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/23/2023
Date Received: 8/23/2023
Date Analyzed: 8/25/2023
Date Reported: 8/30/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 177

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989067-061A<br>258 | Building B4, B5 Flat Roof | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-061B<br>258 | Building B4, B5 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-061C<br>258 | Building B4, B5 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-061D<br>258 | Building B4, B5 Flat Roof | Roofing Material | Brown Black | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989067-062A<br>259 | Building B4, B5 Flat Roof | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 177

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989067-062B<br>259 | Building B4, B5 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-062C<br>259 | Building B4, B5 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-062D<br>259 | Building B4, B5 Flat Roof | Roofing Material | Brown Black | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989067-063A<br>260 | Building B4, B5 Flat Roof | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-063B<br>260 | Building B4, B5 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 177

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989067-063C<br>260 | Building B4, B5 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-063D<br>260 | Building B4, B5 Flat Roof | Roofing Material | Brown Black | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989067-064A<br>261 | Building B4, B5 Flat Roof | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-064B<br>261 | Building B4, B5 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-064C<br>261 | Building B4, B5 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Date Reported: 8/30/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 177

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989067-064D<br>261 | Building B4, B5 Flat Roof | Roofing Material | Brown Black | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989067-065A<br>262 | Building B4, B5 Flat Roof | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-065B<br>262 | Building B4, B5 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-065C<br>262 | Building B4, B5 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-065D<br>262 | Building B4, B5 Flat Roof | Roofing Material | Brown Black | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

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Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 989067
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/23/2023
Date Received: 8/23/2023
Date Analyzed: 8/25/2023
Date Reported: 8/30/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 177

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989067-066A<br>263 | Building B4, B5 Flat Roof | Rolled Roof | White Black | 80% Non-Fibrous Material<br>20% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-066B<br>263 | Building B4, B5 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-066C<br>263 | Building B4, B5 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989067-066D<br>263 | Building B4, B5 Flat Roof | Roofing Material | Brown Black | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989067-067<br>264 | Building B4, B5 Penetration | Mastic | White Black | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

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Date Reported: 8/30/2023

Collected By: Henry Angel
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 177

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989067-068<br>265 | Building B4, B5<br>Penetration | Mastic | White Black | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989067-069<br>266 | Building B4, B5<br>Penetration | Mastic | White Black | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

989067-019A Sample contains mastic.
989067-020A Sample contains mastic.
989067-021A Sample contains mastic.

Jose Quinones - Analyst

Kwin Sheena Legaspi - Lab Manager - Approved By

Bulk sample(s) submitted was (were) analyzed in accordance with the procedure outlined in the US Federal Register 40 CFR Appendix E to Subpart E of Part 763; EPA-600/R-93/116 (Method for Determination of Asbestos in Building Materials), and EPA-600/M4-82-020 (US EPA Interim Method for the Determination of Asbestos in Bulk Insulation Samples). Samples were analyzed using Calibrated Visual Estimations (CVES); therefore, results may not be reliable for samples of low asbestos concentration levels. Samples of wall systems containing discrete and separable layers are analyzed separately and reported as composite unless specifically requested by the customer to report analytical results for individual layers. This report applies only to the items tested. Results are representative of the samples submitted and may not represent the entire material from which the samples were collected. "None Detected" means that no asbestos was observed in the sample. "<1%" (less than one percent) or Trace means that asbestos was observed in the sample but the concentration is below the quantifiable level of 1%. This report was issued by a NIST/NVLAP (Lab Code 200358-0) and CA Water Board ELAP (Cert. No. 2540) accredited laboratory and may not be reproduced, except in full without the expressed written consent of Patriot Environmental Laboratory Services, Inc. This report may not be used to claim product certification, approval or endorsement by NIST, NVLAP, CA-ELAP or any government agency.

ASB_Rep_8.23

Lab Use Only: 989067

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5830B Hannum Avenue, Culver City, CA 90230

PATRIOT
Environmental Laboratory Services, Inc.

8/26 @ 12:30

Project #: OC164902

## ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 198 | Bldg 6,7,8 - Classrm 8 @ Wall | SC/PL | | X | Intact | 900Ø |
| 199 | Classrm 7 | 〃 | | 〃 | 〃 | 〃 |
| 200 | Classrm 6 | 〃 | | 〃 | 〃 | 〃 |
| 201 | 6 @ Wall | White 1x1 tile w Brown mastic | X | | Intact | 480Ø |
| 202 | 7 | 〃 | | | 〃 | 〃 |
| 203 | 7 | 〃 | | | 〃 | 〃 |
| 204 | 6 @ Wall | Black 6in CB w TAN glue | | X | Intact | ~~X~~ 40Ø |
| 205 | 6 | 〃 | | | 〃 | 〃 |
| 206 | 8 | 〃 | | | 〃 | 〃 |
| 207 | 7 @ Wall | Blue 6in CB w TAN glue | | X | | 20Ø |
| 208 | 〃 | 〃 | | | | 〃 |
| 209 | 〃 | 〃 | | | | 〃 |
| 210 | 8 @ Floor | Yellow Black mastic | | X | | under Blue carpet |
| 211 | 7 | 〃 | | | | 〃 |
| ~~212~~ 212 | 7 | 〃 | | | | 〃 |
| 213 | 8 @ ceiling | White 2x4 ceiling tile | X | | | 2700Ø |
| 214 | 7 | 〃 | | | | 〃 |
| 215 | 6 | 〃 | | | | 〃 |
| ~~216~~ | | | | | | |

| | | | |
|---|---|---|---|
| Sampled/Relinquished-Print/Sign: | Henry Angel | Date: 8-23-23 | Time: 1:30pm |
| Received/Relinquished-Print/Sign: | | Date: | Time: |
| Received-Print/Sign: | Kathryn Medina KM | Date: 8/23/23 | Time: 3pm |

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5830B Hannum Avenue, Culver City, CA 90230

PATRIOT
Environmental Laboratory Services, Inc.

Project #: OC164902

# ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 216 | Bldg 6,7,8 - Classrm @ Floors B6 | Yellow/Black sh | | X | Intact | under Blk carpet 900Ø |
| 217 | | | | | | |
| 218 | | | | | | |
| 219 | Classrm B6 @ Pelmum | Yellow insulation | X | | Intact | 2200Ø |
| 220 | B7 | | | | | |
| 221 | B8 | | | | | |
| 222 | Bldg A1, A2 A3 @ Flat Roof | White Rolled Roof w layers | | X | Intact | 2700Ø |
| 223 | | | | | | |
| 224 | | | | | | |
| 225 | | | | | | |
| 226 | | | | | | |
| 227 | | | | | | |
| 228 | Bldg A-1, A-2, A3 @ Penetration | White Blk ~~Penetration~~ Mastic | | X | | 20Ø |
| 229 | | | | | | |
| 230 | | | | | | |
| ~~231~~ | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| | | | |
|---|---|---|---|
| Sampled/Relinquished-Print/Sign: Henry Angel [signature] | Date: 8-23-23 | Time: 1:30pm |
| Received/Relinquished-Print/Sign: | Date: | Time: |
| Received-Print/Sign: Kathryn Medina KM | Date: 8-23-23 | Time: 3pm |



Asbestos COC Rev 8.1.22

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PATRIOT
Environmental Laboratory Services, Inc.

Project #: 0L164902

## ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 231 | Bldg A4, A5 - @ flat Roof | White Rolled Roof W layers | | X | Intact | 2100 ft |
| 232 | | | | | | |
| 233 | | | | | | |
| 234 | | | | | | |
| 235 | | | | | | |
| 236 | | | | | | |
| 237 | @ Penetration | White/Blk mastic | | | | 20 ft |
| 238 | | | | | | |
| 239 | | | | | | |
| 240 | Bldg A6, A7, A8 @ flat Roof | White Rolled Roof W layers | | | | 2400 ft |
| 241 | | | | | | |
| 242 | | | | | | |
| 243 | | | | | | |
| 244 | | | | | | |
| 245 | | | | | | |
| 246 | @ Penetration | White Blk Mastic | | | | 20 ft |
| 247 | | | | | | |
| 248 | | | | | | |
| | | | | | | |

| | | |
|---|---|---|
| Sampled/Relinquished-Print/Sign: Henry Angel HA | Date: 8-23-23 | Time: 6:30 |
| Received/Relinquished-Print/Sign: | Date: | Time: |
| Received-Print/Sign: Kathryn medina KM | Date: 8-23-23 | Time: 3pm |

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fax - 310-697-0177
PatriotLab.com
5830B Hannum Avenue, Culver City, CA 90230

PATRIOT
Environmental Laboratory Services, Inc.

Project #: OC164902

## ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 249 | Bldg B1,B2,B3 @ flat Roof | White Rolled Roof W layers | | X | Intact | 2700ø |
| 250 | | | | | | |
| 251 | | | | | | |
| 252 | | | | | | |
| 253 | | | | | | |
| 254 | | | | | | |
| 255 | Bldg B1,B2,B3 @ Penetration | White/Blk Mastic | | | | 20ø |
| 256 | | | | | | |
| 257 | | | | | | |
| 258 | Bldg B4,B5 @ flat Roof | White Rolled Roof W layers | | | | 2100ø |
| 259 | | | | | | |
| 260 | | | | | | |
| 261 | | | | | | |
| 262 | | | | | | |
| 263 | | | | | | |
| 264 | @ Penetration | White Blk Mastic | | | | 20ø |
| 265 | | | | | | |
| 266 | | | | | | |
| | | | | | | |

| | | | |
|---|---|---|---|
| Sampled/Relinquished-Print/Sign: | Henry Angel | Date: 8-23-22 | Time: 1:30pm |
| Received/Relinquished-Print/Sign: | | Date: | Time: |
| Received-Print/Sign: | Kathryn Medina KM | Date: 8.2823 | Time: 3pm |

Certificate of Analysis
**PLM Asbestos Identification**

tel - 714-607-5227
free - 855-968-7522
OCLab@patriotlab.com
1041 S. Placentia Avenue, Fullerton, CA 92831

PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 989273 Revision
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/24/2023
Date Received: 8/24/2023
Date Analyzed: 8/29/2023
Date Reported: 9/27/2023

Collected By: Daniel Gonzalez
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 209

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-001A<br>267 | Exterior A 4-A5 Ceiling | Scratch Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-001B<br>267 | Exterior A 4-A5 Ceiling | Stucco | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-002A<br>268 | Exterior A 4-A5 Ceiling | Scratch Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-002B<br>268 | Exterior A 4-A5 Ceiling | Stucco | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-003A<br>269 | Exterior A 4-A5 Wall | Scratch Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-003B<br>269 | Exterior A 4-A5 Wall | Stucco | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Daniel Gonzalez
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 209

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-004A<br>270 | Exterior A6-A8 Wall | Scratch Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-004B<br>270 | Exterior A6-A8 Wall | Stucco | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-005A<br>271 | Exterior A6-A8 Ceiling | Scratch Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-005B<br>271 | Exterior A6-A8 Ceiling | Stucco | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-006A<br>272 | Exterior A6-A8 Ceiling | Scratch Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-006B<br>272 | Exterior A6-A8 Ceiling | Stucco | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-007A<br>273 | Exterior Library Ceiling | Scratch Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-007B<br>273 | Exterior Library Ceiling | Stucco | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-008A<br>274 | Exterior Library Ceiling | Scratch Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-008B<br>274 | Exterior Library Ceiling | Stucco | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-009A<br>275 | Exterior Library Wall | Scratch Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-009B<br>275 | Exterior Library Wall | Stucco | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Claim Number: PO No: T6000778
PO Number:
Number of Samples: 209

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-010A<br>276 | Exterior B1-B3 Wall | Scratch Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-010B<br>276 | Exterior B1-B3 Wall | Stucco | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-011A<br>277 | Exterior B1-B3 Ceiling | Scratch Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-011B<br>277 | Exterior B1-B3 Ceiling | Stucco | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-012A<br>278 | Exterior B1-B3 Ceiling | Scratch Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-012B<br>278 | Exterior B1-B3 Ceiling | Stucco | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Date Reported: 9/27/2023

Collected By: Daniel Gonzalez
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 209

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-013A<br>279 | Exterior B4-B5 Ceiling | Scratch Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-013B<br>279 | Exterior B4-B5 Ceiling | Stucco | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-014A<br>280 | Exterior B4-B5 Ceiling | Scratch Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-014B<br>280 | Exterior B4-B5 Ceiling | Stucco | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-015A<br>281 | Exterior B4-B5 Wall | Scratch Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-015B<br>281 | Exterior B4-B5 Wall | Stucco | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Claim Number: PO No: T6000778
PO Number:
Number of Samples: 209

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-016A<br>282 | Exterior B6-B8 Wall | Scratch Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-016B<br>282 | Exterior B6-B8 Wall | Stucco | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-017A<br>283 | Exterior B6-B8 Ceiling | Scratch Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-017B<br>283 | Exterior B6-B8 Ceiling | Stucco | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-018A<br>284 | Exterior B6-B8 Ceiling | Scratch Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-018B<br>284 | Exterior B6-B8 Ceiling | Stucco | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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PO Number:
Number of Samples: 209

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-019A<br>285 | Exterior Administration Ceiling | Scratch Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-019B<br>285 | Exterior Administration Ceiling | Stucco | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-020A<br>286 | Exterior Administration Ceiling | Scratch Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-020B<br>286 | Exterior Administration Ceiling | Stucco | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-021A<br>287 | Exterior Administration Wall | Scratch Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-021B<br>287 | Exterior Administration Wall | Stucco | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Daniel Gonzalez
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 209

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-022A<br>288 | Exterior K1-K2 Wall | Scratch Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-022B<br>288 | Exterior K1-K2 Wall | Stucco | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-023A<br>289 | Exterior K1-K2 Ceiling | Scratch Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-023B<br>289 | Exterior K1-K2 Ceiling | Stucco | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-024A<br>290 | Exterior K1-K2 Ceiling | Scratch Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-024B<br>290 | Exterior K1-K2 Ceiling | Stucco | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Daniel Gonzalez
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 209

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-025A<br>291 | Exterior A1-A3 Ceiling | Scratch Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-025B<br>291 | Exterior A1-A3 Ceiling | Stucco | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-026A<br>292 | Exterior A1-A3 Ceiling | Scratch Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-026B<br>292 | Exterior A1-A3 Ceiling | Stucco | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-027A<br>293 | Exterior A1-A3 Wall | Scratch Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-027B<br>293 | Exterior A1-A3 Wall | Stucco | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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PO Number:
Number of Samples: 209

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-028<br>294 | Exterior A4-A5 Window | Window Putty | Gray | 97% Non-Fibrous Material |
| Chrysotile 3 % | | | | |
| **Total Asbestos** **3 %** | | | | |
| 989273-029<br>295 | Exterior A4-A5 Window | Window Putty | Gray | 97% Non-Fibrous Material |
| Chrysotile 3 % | | | | |
| **Total Asbestos** **3 %** | | | | |
| 989273-030<br>296 | Exterior A4-A5 Window | Window Putty | Gray | 97% Non-Fibrous Material |
| Chrysotile 3 % | | | | |
| **Total Asbestos** **3 %** | | | | |
| 989273-031<br>297 | Exterior A6-A8 Window | Window Putty | Gray | 97% Non-Fibrous Material |
| Chrysotile 3 % | | | | |
| **Total Asbestos** **3 %** | | | | |
| 989273-032<br>298 | Exterior A6-A8 Window | Window Putty | Gray | 97% Non-Fibrous Material |
| Chrysotile 3 % | | | | |
| **Total Asbestos** **3 %** | | | | |

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PO Number:
Number of Samples: 209

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-033<br>299 | Exterior A6-A8 Window | Window Putty | Gray | 97% Non-Fibrous Material |
| Chrysotile 3 % | | | | |
| **Total Asbestos** **3 %** | | | | |
| 989273-034<br>300 | Exterior Library Window | Window Putty | Gray | 97% Non-Fibrous Material |
| Chrysotile 3 % | | | | |
| **Total Asbestos** **3 %** | | | | |
| 989273-035<br>301 | Exterior Library Window | Window Putty | Gray | 97% Non-Fibrous Material |
| Chrysotile 3 % | | | | |
| **Total Asbestos** **3 %** | | | | |
| 989273-036<br>302 | Exterior Library Window | Window Putty | Gray | 97% Non-Fibrous Material |
| Chrysotile 3 % | | | | |
| **Total Asbestos** **3 %** | | | | |
| 989273-037<br>303 | Exterior B1-B3 Window | Window Putty | Gray | 97% Non-Fibrous Material |
| Chrysotile 3 % | | | | |
| **Total Asbestos** **3 %** | | | | |

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Collected By: Daniel Gonzalez
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PO Number:
Number of Samples: 209

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-038<br>304 | Exterior B1-B3 Window | Window Putty | Gray | 97% Non-Fibrous Material |
| Chrysotile | 3 % | | | |
| **Total Asbestos** | **3 %** | | | |
| 989273-039<br>305 | Exterior B1-B3 Window | Window Putty | Gray | 97% Non-Fibrous Material |
| Chrysotile | 3 % | | | |
| **Total Asbestos** | **3 %** | | | |
| 989273-040<br>306 | Exterior B4-B5 Window | Window Putty | Gray | 97% Non-Fibrous Material |
| Chrysotile | 3 % | | | |
| **Total Asbestos** | **3 %** | | | |
| 989273-041<br>307 | Exterior B4-B5 Window | Window Putty | Gray | 97% Non-Fibrous Material |
| Chrysotile | 3 % | | | |
| **Total Asbestos** | **3 %** | | | |
| 989273-042<br>308 | Exterior B4-B5 Window | Window Putty | Gray | 97% Non-Fibrous Material |
| Chrysotile | 3 % | | | |
| **Total Asbestos** | **3 %** | | | |

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PO Number:
Number of Samples: 209

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-043<br>309 | Exterior B6-B8 Window | Window Putty | Gray | 97% Non-Fibrous Material |
| Chrysotile 3 % | | | | |
| **Total Asbestos** **3 %** | | | | |
| 989273-044<br>310 | Exterior B6-B8 Window | Window Putty | Gray | 97% Non-Fibrous Material |
| Chrysotile 3 % | | | | |
| **Total Asbestos** **3 %** | | | | |
| 989273-045<br>311 | Exterior B6-B8 Window | Window Putty | Gray | 97% Non-Fibrous Material |
| Chrysotile 3 % | | | | |
| **Total Asbestos** **3 %** | | | | |
| 989273-046<br>312 | Exterior Administration Window | Window Putty | Gray | 97% Non-Fibrous Material |
| Chrysotile 3 % | | | | |
| **Total Asbestos** **3 %** | | | | |
| 989273-047<br>313 | Exterior Administration Window | Window Putty | Gray | 97% Non-Fibrous Material |
| Chrysotile 3 % | | | | |
| **Total Asbestos** **3 %** | | | | |

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PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 989273 Revision
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/24/2023
Date Received: 8/24/2023
Date Analyzed: 8/29/2023
Date Reported: 9/27/2023

Collected By: Daniel Gonzalez
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 209

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-048<br>314 | Exterior Administration Window | Window Putty | Gray | 97% Non-Fibrous Material |
| Chrysotile 3 % | | | | |
| **Total Asbestos** **3 %** | | | | |
| 989273-049<br>315 | Exterior K1-K2 Window | Window Putty | Gray | 97% Non-Fibrous Material |
| Chrysotile 3 % | | | | |
| **Total Asbestos** **3 %** | | | | |
| 989273-050<br>316 | Exterior K1-K2 Window | Window Putty | Gray | 97% Non-Fibrous Material |
| Chrysotile 3 % | | | | |
| **Total Asbestos** **3 %** | | | | |
| 989273-051<br>317 | Exterior K1-K2 Window | Window Putty | Gray | 97% Non-Fibrous Material |
| Chrysotile 3 % | | | | |
| **Total Asbestos** **3 %** | | | | |
| 989273-052<br>318 | Exterior A1-A3 Window | Window Putty | Gray | 97% Non-Fibrous Material |
| Chrysotile 3 % | | | | |
| **Total Asbestos** **3 %** | | | | |

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Date Reported: 9/27/2023

Collected By: Daniel Gonzalez
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 209

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-053<br>319 | Exterior A1-A3 Window | Window Putty | Gray | 97% Non-Fibrous Material |
| Chrysotile | 3 % | | | |
| **Total Asbestos** | **3 %** | | | |
| 989273-054<br>320 | Exterior A1-A3 Window | Window Putty | Gray | 97% Non-Fibrous Material |
| Chrysotile | 3 % | | | |
| **Total Asbestos** | **3 %** | | | |
| 989273-055A<br>321 | Walkway Flat Roof | Rolled Roofing | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-055B<br>321 | Walkway Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-055C<br>321 | Walkway Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Daniel Gonzalez
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 209

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-055D<br>321 | Walkway Flat Roof | Roofing Material | Black Brown | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989273-056A<br>322 | Walkway Flat Roof | Rolled Roofing | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-056B<br>322 | Walkway Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-056C<br>322 | Walkway Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-056D<br>322 | Walkway Flat Roof | Roofing Material | Black Brown | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Daniel Gonzalez
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 209

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-057A<br>323 | Walkway Flat Roof | Rolled Roofing | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-057B<br>323 | Walkway Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-057C<br>323 | Walkway Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-057D<br>323 | Walkway Flat Roof | Roofing Material | Black Brown | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989273-058A<br>324 | Walkway Flat Roof | Rolled Roofing | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Daniel Gonzalez
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PO Number:
Number of Samples: 209

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-058B<br>324 | Walkway Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-058C<br>324 | Walkway Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-058D<br>324 | Walkway Flat Roof | Roofing Material | Black Brown | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989273-059A<br>325 | Walkway Flat Roof | Rolled Roofing | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-059B<br>325 | Walkway Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-059C<br>325 | Walkway Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-059D<br>325 | Walkway Flat Roof | Roofing Material | Black Brown | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989273-060A<br>326 | Walkway Flat Roof | Rolled Roofing | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-060B<br>326 | Walkway Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-060C<br>326 | Walkway Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-060D<br>326 | Walkway Flat Roof | Roofing Material | Black Brown | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989273-061A<br>327 | Walkway Flat Roof | Rolled Roofing | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-061B<br>327 | Walkway Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-061C<br>327 | Walkway Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-061D<br>327 | Walkway Flat Roof | Roofing Material | Black Brown | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

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PO Number:
Number of Samples: 209

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-062A<br>328 | Library Flat Roof | Rolled Roofing | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-062B<br>328 | Library Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-062C<br>328 | Library Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-062D<br>328 | Library Flat Roof | Roofing Material | Black Brown | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989273-063A<br>329 | Library Flat Roof | Rolled Roofing | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Daniel Gonzalez
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 209

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-063B<br>329 | Library Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-063C<br>329 | Library Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-063D<br>329 | Library Flat Roof | Roofing Material | Black Brown | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989273-064A<br>330 | Library Flat Roof | Rolled Roofing | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-064B<br>330 | Library Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-064C<br>330 | Library Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-064D<br>330 | Library Flat Roof | Roofing Material | Black Brown | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989273-065A<br>331 | Library Flat Roof | Rolled Roofing | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-065B<br>331 | Library Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-065C<br>331 | Library Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-065D<br>331 | Library Flat Roof | Roofing Material | Black Brown | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989273-066A<br>332 | Library Flat Roof | Rolled Roofing | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-066B<br>332 | Library Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-066C<br>332 | Library Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-066D<br>332 | Library Flat Roof | Roofing Material | Black Brown | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-067<br>333 | Library Flat Roof | Penetration Mastic | White Black | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989273-068<br>334 | Library Flat Roof | Penetration Mastic | White Black | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989273-069<br>335 | Library Flat Roof | Penetration Mastic | White Black | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989273-070<br>336 | Administration Builiding Flat Roof | Penetration Mastic | White Black | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989273-071<br>337 | Administration Builiding Flat Roof | Penetration Mastic | White Black | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-072<br>338 | Administration Builiding<br>Flat Roof | Penetration Mastic | White Black | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989273-073A<br>339 | Administration Builiding<br>Flat Roof | Rolled Roof | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-073B<br>339 | Administration Builiding<br>Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-073C<br>339 | Administration Builiding<br>Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-073D<br>339 | Administration Builiding<br>Flat Roof | Roofing Material | Black Brown | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

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PO Number:
Number of Samples: 209

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-074A<br>340 | Administration Builiding<br>Flat Roof | Rolled Roof | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-074B<br>340 | Administration Builiding<br>Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-074C<br>340 | Administration Builiding<br>Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-074D<br>340 | Administration Builiding<br>Flat Roof | Roofing Material | Black Brown | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989273-075A<br>341 | Administration Builiding<br>Flat Roof | Rolled Roof | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Number of Samples: 209

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-075B<br>341 | Administration Builiding<br>Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-075C<br>341 | Administration Builiding<br>Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-075D<br>341 | Administration Builiding<br>Flat Roof | Roofing Material | Black Brown | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989273-076A<br>342 | Administration Builiding<br>Flat Roof | Rolled Roof | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-076B<br>342 | Administration Builiding<br>Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

Certificate of Analysis
**PLM Asbestos Identification**

tel - 714-607-5227
free - 855-968-7522
OCLab@patriotlab.com
1041 S. Placentia Avenue, Fullerton, CA 92831

PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 989273 Revision
Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/24/2023
Date Received: 8/24/2023
Date Analyzed: 8/29/2023
Date Reported: 9/27/2023

Collected By: Daniel Gonzalez
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 209

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-076C<br>342 | Administration Builiding<br>Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-076D<br>342 | Administration Builiding<br>Flat Roof | Roofing Material | Black Brown | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989273-077A<br>343 | Administration Builiding<br>Flat Roof | Rolled Roof | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-077B<br>343 | Administration Builiding<br>Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-077C<br>343 | Administration Builiding<br>Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Date Reported: 9/27/2023

Collected By: Daniel Gonzalez
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 209

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-077D<br>343 | Administration Builiding Flat Roof | Roofing Material | Black Brown | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989273-078A<br>344 | B6-B8 Flat Roof | Rolled Roof | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-078B<br>344 | B6-B8 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-078C<br>344 | B6-B8 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-078D<br>344 | B6-B8 Flat Roof | Roofing Material | Black Brown | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

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Date Received: 8/24/2023
Date Analyzed: 8/29/2023
Date Reported: 9/27/2023

Collected By: Daniel Gonzalez
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 209

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-079A<br>345 | B6-B8 Flat Roof | Rolled Roof | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-079B<br>345 | B6-B8 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-079C<br>345 | B6-B8 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-079D<br>345 | B6-B8 Flat Roof | Roofing Material | Black Brown | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989273-080A<br>346 | B6-B8 Flat Roof | Rolled Roof | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Date Reported: 9/27/2023

Collected By: Daniel Gonzalez
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 209

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-080B<br>346 | B6-B8 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-080C<br>346 | B6-B8 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-080D<br>346 | B6-B8 Flat Roof | Roofing Material | Black Brown | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989273-081A<br>347 | B6-B8 Flat Roof | Rolled Roof | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-081B<br>347 | B6-B8 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Date Reported: 9/27/2023

Collected By: Daniel Gonzalez
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 209

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-081C<br>347 | B6-B8 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-081D<br>347 | B6-B8 Flat Roof | Roofing Material | Black Brown | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989273-082A<br>348 | B6-B8 Flat Roof | Rolled Roof | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-082B<br>348 | B6-B8 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-082C<br>348 | B6-B8 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Daniel Gonzalez
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 209

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-082D<br>348 | B6-B8 Flat Roof | Roofing Material | Black Brown | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989273-083A<br>349 | B6-B8 Flat Roof | Rolled Roof | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-083B<br>349 | B6-B8 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-083C<br>349 | B6-B8 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-083D<br>349 | B6-B8 Flat Roof | Roofing Material | Black Brown | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

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Date Received: 8/24/2023
Date Analyzed: 8/29/2023
Date Reported: 9/27/2023

Collected By: Daniel Gonzalez
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 209

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-084A<br>350 | B6-B8 Flat Roof | Rolled Roof | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-084B<br>350 | B6-B8 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-084C<br>350 | B6-B8 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-084D<br>350 | B6-B8 Flat Roof | Roofing Material | Black Brown | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989273-085<br>351 | B6-B8 Flat Roof | Penetration Mastic | White Black | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Daniel Gonzalez
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 209

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-086<br>352 | B6-B8 Flat Roof | Penetration Mastic | White Black | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989273-087<br>353 | B6-B8 Flat Roof | Penetration Mastic | White Black | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989273-088<br>354 | K1-K2 Flat Roof | Penetration Mastic | White Black | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989273-089<br>355 | K1-K2 Flat Roof | Penetration Mastic | White Black | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989273-090<br>356 | K1-K2 Flat Roof | Penetration Mastic | White Black | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989273-091A<br>357 | K1-K2 Flat Roof | Rolled Roof | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Project Number: OC164902
Project Name: Sequoia Elementary School
Project Location: 5900 Iroquois Road
Westminster, 92683

Date Collected: 8/24/2023
Date Received: 8/24/2023
Date Analyzed: 8/29/2023
Date Reported: 9/27/2023

Collected By: Daniel Gonzalez
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 209

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-091B<br>357 | K1-K2 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-091C<br>357 | K1-K2 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-091D<br>357 | K1-K2 Flat Roof | Roofing Material | Brown Black | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989273-092A<br>358 | K1-K2 Flat Roof | Rolled Roof | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-092B<br>358 | K1-K2 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Date Reported: 9/27/2023

Collected By: Daniel Gonzalez
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 209

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-092C<br>358 | K1-K2 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-092D<br>358 | K1-K2 Flat Roof | Roofing Material | Brown Black | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989273-093A<br>359 | K1-K2 Flat Roof | Rolled Roof | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-093B<br>359 | K1-K2 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-093C<br>359 | K1-K2 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Date Reported: 9/27/2023

Collected By: Daniel Gonzalez
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 209

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-093D<br>359 | K1-K2 Flat Roof | Roofing Material | Brown Black | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989273-094A<br>360 | K1-K2 Flat Roof | Rolled Roof | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-094B<br>360 | K1-K2 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-094C<br>360 | K1-K2 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-094D<br>360 | K1-K2 Flat Roof | Roofing Material | Brown Black | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

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Date Received: 8/24/2023
Date Analyzed: 8/29/2023
Date Reported: 9/27/2023

Collected By: Daniel Gonzalez
Claim Number: PO No: T6000778
PO Number:
Number of Samples: 209

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989273-095A<br>361 | K1-K2 Flat Roof | Rolled Roof | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989273-095B<br>361 | K1-K2 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-095C<br>361 | K1-K2 Flat Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989273-095D<br>361 | K1-K2 Flat Roof | Roofing Material | Brown Black | 85% Non-Fibrous Material<br>15% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

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| | |
|---|---|
| Report Number: | 989273 Revision |
| Project Number: | OC164902 |
| Project Name: | Sequoia Elementary School |
| Project Location: | 5900 Iroquois Road<br>Westminster, 92683 |

| | | | |
|---|---|---|---|
| Date Collected: | 8/24/2023 | Collected By: | Daniel Gonzalez |
| Date Received: | 8/24/2023 | Claim Number: | PO No: T6000778 |
| Date Analyzed: | 8/29/2023 | PO Number: | |
| Date Reported: | 9/27/2023 | Number of Samples: | 209 |

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|

Note: This is an amended report issued 9/5/23, re-issued 9/27/23. Samples 315-317, 318-320 locations have been updated.

Jorge Castillo - Analyst

Kwin Sheena Legaspi - Lab Manager - Approved By

Bulk sample(s) submitted was (were) analyzed in accordance with the procedure outlined in the US Federal Register 40 CFR Appendix E to Subpart E of Part 763; EPA-600/R-93/116 (Method for Determination of Asbestos in Building Materials), and EPA-600/M4-82-020 (US EPA Interim Method for the Determination of Asbestos in Bulk Insulation Samples). Samples were analyzed using Calibrated Visual Estimations (CVES); therefore, results may not be reliable for samples of low asbestos concentration levels. Samples of wall systems containing discrete and separable layers are analyzed separately and reported as composite unless specifically requested by the customer to report analytical results for individual layers. This report applies only to the items tested. Results are representative of the samples submitted and may not represent the entire material from which the samples were collected. "None Detected" means that no asbestos was observed in the sample. "<1%" (less than one percent) or Trace means that asbestos was observed in the sample but the concentration is below the quantifiable level of 1%. This report was issued by a NIST/NVLAP (Lab Code 200358-0) and CA Water Board ELAP (Cert. No. 2540) accredited laboratory and may not be reproduced, except in full without the expressed written consent of Patriot Environmental Laboratory Services, Inc. This report may not be used to claim product certification, approval or endorsement by NIST, NVLAP, CA-ELAP or any government agency.

ASB_Rep_8.23

Lab Use Only: 989273

**Turn Around Time:**
( ) ERS ( ) 24 HRS
( ) 48 HRS (X) 72 HRS

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1041 S. Placentia Avenue, Fullerton, CA 92831

PATRIOT Environmental Laboratory Services, Inc.

# ASBESTOS FIELD BULK SAMPLE COC

| Project Name: | Project #: | Office Use Only: |
|---|---|---|
| SEQUOIA ELEMENTARY SCHOOL | OC164902 | ☐ MH |

| Project Address: | City: | Zip: |
|---|---|---|
| 5900 IROQUOIS ROAD | WESTMINSTER | 92683 |

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 267 | EXT. L4-L5/ CEILING | SCRATCH COAT / STUCCO | | X | INTACT | 600 SF |
| 268 | | | | | | |
| 269 | /WALL | | | | | |
| 270 | L6-L8/ | | | X | INTACT | 900 SF |
| 271 | /CEILING | | | | | |
| 272 | | | | | | |
| 273 | LIBRARY/ | | | X | INTACT | 600 SF |
| 274 | | | | | | |
| 275 | /WALL | | | | | |
| 276 | B1-B3/ | | | X | INTACT | 900 SF |
| 277 | /CEILING | | | | | |
| 278 | | | | | | |
| 279 | B4-B5/ | | | X | INTACT | 600 SF |
| 280 | | | | | | |
| 281 | /WALL | | | | | |
| 282 | B6-B8/ | | | X | INTACT | 900 SF |
| 283 | /CEILING | | | | | |
| 284 | | | | | | |

DANIEL GONZALES

Sampled/Relinquished By: Sign: [signature] Date: 8/24/23 Time: 1200

Samples Received By: Sign: [signature] KM Date: 8.24.23 Time: 12:05

Lab Use Only: 989273

tel - 714-899-8900
free - 888-743-0998
fax - 714-899-1188
PatriotLab.com
1041 S. Placentia Avenue, Fullerton, CA 92831

PATRIOT
Environmental Laboratory Services, Inc.

Project #: 00164902

## ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 285 | EXT ADMIN / CEILING | SCRATCH COAT / STUCCO | | X | INTACT | 600 SF |
| 286 | | | | | | |
| 287 | / WALL | | | | | |
| 288 | K1-K2 / | | | X | INTACT | 600 SF |
| 289 | / CEILING | | | | | |
| 290 | | | | | | |
| 291 | L1-L3 / | | | X | INTACT | 900 SF |
| 292 | | | | | | |
| 293 | / WALL | | | | | |
| 294 | L4-L5 / WINDOW | GRAY WINDOW PUTTY | X | | INTACT | 80 SF |
| 295 | | | | | | |
| 296 | | | | | | |
| 297 | L6-L8 / | | X | | INTACT | 120 SF |
| 298 | | | | | | |
| 299 | | | | | | |
| 300 | LIBRARY / | | X | | INTACT | 80 SF |
| 301 | | | | | | |
| 302 | | | | | | |
| | | | | | | |
| | | | | | | |

DANIEL GOUCHUS

**Sampled/Relinquished By:** Sign: [signature] Date: 8/24/23 Time: 1200

**Received/ Relinquished By:** Sign: Date: Time:

**Samples Received By:** Sign: Katie Mell Date: 8.24.23 Time: 12:05

Lab Use Only: 989273

tel - 714-899-8900
free - 888-743-0998
fax - 714-899-1189
PatriotLab.com
1041 S. Placentia Avenue, Fullerton, CA 92831

PATRIOT
Environmental Laboratory Services, Inc.

Project #: OC164902

## ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 303 | EXT B1-B3/WINDOW | GRAY WINDOW PUTTY | X | | INTACT | 120 SF |
| 304 | | | | | | |
| 305 | | | | | | |
| 306 | B4-B5/ | | X | | INTACT | 80 SF |
| 307 | | | | | | |
| 308 | | | | | | |
| 309 | B6-B8/ | | X | | INTACT | 120 SF |
| 310 | | | | | | |
| 311 | | | | | | |
| 312 | ADMIN/ | | X | | INTACT | 120 SF |
| 313 | | | | | | |
| 314 | | | | | | |
| 315 | K1-K2/ | | X | | INTACT | 80 SF |
| 316 | | | | | | |
| 317 | | | | | | |
| 318 | A1-A3/ | | X | | INTACT | 120 SF |
| 319 | | | | | | |
| 320 | | | | | | |
| | | | | | | |
| | | | | | | |

**Sampled/Relinquished By:** Sign: DANIEL GONZALES Date: 8/24/23 Time: 1200

**Received/ Relinquished By:** Sign: Date: Time:

**Samples Received By:** Sign: Date: 8.24.23 Time: 12:05

Lab Use Only: 989273

tel - 714-899-8900
free - 888-743-0998
fax - 714-899-1188
PatriotLab.com
1041 S. Placentia Avenue, Fullerton, CA 92831

PATRIOT
Environmental Laboratory Services, Inc.

Project #: OC164902

## ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 321 | FLAT WALKWAY / ROOF | WHITE ROLLED ROOFING | | X | INTACT | 5,000 SF |
| 322 | | | | | | |
| 323 | | | | | | |
| 324 | | | | | | |
| 325 | | | | | | |
| 326 | | | | | | |
| 327 | | | | | | |
| 328 | LIBRARY / | | | X | INTACT | 2,600 SF |
| 329 | | | | | | |
| 330 | | | | | | |
| 331 | | | | | | |
| 332 | | | | | | |
| 333 | | BLACK PENETRATION MASTIC | | X | INTACT | 50 SF |
| 334 | | | | | | |
| 335 | | | | | | |
| 336 | LOMIU BLDG / | | | X | INTACT | 50 SF |
| 337 | | | | | | |
| 338 | | | | | | |

| | | | |
|---|---|---|---|
| **Sampled/Relinquished By:** Sign: DANIEL GONZALES | | Date: 8/24/23 | Time: 1200 |
| **Received/ Relinquished By:** Sign: | | Date: | Time: |
| **Samples Received By:** Sign: | | Date: 8-24-23 | Time: 12:05 |

Lab Use Only: 989273

tel - 714-899-8900
free - 888-743-0998
fax - 714-899-1188
PatriotLab.com
1041 S. Placentia Avenue, Fullerton, CA 92831

PATRIOT
Environmental Laboratory Services, Inc.

Project #: OC164907

## ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 339 | ADMIN BLDG / FLAT ROOF | WHITE ROLLED ROOFING | | X | INTACT | 2,600 SF |
| 340 | ↓ | ↓ | | ↓ | ↓ | ↓ |
| 341 | ↓ | ↓ | | ↓ | ↓ | ↓ |
| 342 | ↓ | ↓ | | ↓ | ↓ | ↓ |
| 343 | ↓ | ↓ | | ↓ | ↓ | ↓ |
| 344 | B6-B8/ | ↓ | | X | INTACT | 4,000 SF |
| 345 | ↓ | ↓ | | ↓ | ↓ | ↓ |
| 346 | ↓ | ↓ | | ↓ | ↓ | ↓ |
| 347 | ↓ | ↓ | | ↓ | ↓ | ↓ |
| 348 | ↓ | ↓ | | ↓ | ↓ | ↓ |
| 349 | ↓ | ↓ | | ↓ | ↓ | ↓ |
| 350 | ↓ | ↓ | | ↓ | ↓ | ↓ |
| 351 | ↓ | BLACK PENETRATION MASTIC | | X | INTACT | 50 SF |
| 352 | ↓ | ↓ | | ↓ | ↓ | ↓ |
| 353 | ↓ | ↓ | | ↓ | ↓ | ↓ |
| 354 | K1-K2/ | ↓ | | X | INTACT | 50 SF |
| 355 | ↓ | ↓ | | ↓ | ↓ | ↓ |
| 356 | ↓ | ↓ | | ↓ | ↓ | ↓ |
| | | | | | | |

DANIEL GONZALES

**Sampled/Relinquished By:** Sign: Daniel Gonzales Date: 8/24/23 Time: 1200

**Received/ Relinquished By:** Sign: Date: Time:

**Samples Received By:** Sign: Katie Meek Date: 8.24.23 Time: 12:05

Lab Use Only: 989273

tel - 714-899-8900
free - 888-743-0998
fax - 714-899-1188
PatriotLab.com
1041 S. Placentia Avenue, Fullerton, CA 92831

PATRIOT
Environmental Laboratory Services, Inc.

Project #: OC164902

## ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 357 | K1-K2 / FLAT ROOF | WHITE ROLLED ROOFING | | X | INTACT | 2,800SF |
| 358 | | | | | | |
| 359 | | | | | | |
| 360 | | | | | | |
| 361 | | | | | | |

DANIEL GONZALES

**Sampled/Relinquished By:** Sign: Daniel Gonzales Date: 8/24/23 Time: 1200

**Received/ Relinquished By:** Sign: Date: Time:

**Samples Received By:** Sign: Date: 8.24.23 Time: 12:01

Lab Use Only: _____

**Turn Around Time:**
( ) ERS ( ) 24 HRS
( ) 48 HRS ( ) 72 HRS

tel - 714-899-8900
free - 888-743-0998
fax - 714-899-1188
PatriotLab.com
1041 S. Placentia Avenue, Fullerton, CA 92831

PATRIOT
Environmental Laboratory Services, Inc.

# ASBESTOS FIELD BULK SAMPLE COC

| Project Name: | Project #: | Office Use Only: |
|---|---|---|
| SEQUOIA ELEMENTARY SCHOOL | OC164902 | ☐ MH |

| Project Address: | City: | Zip: |
|---|---|---|
| 5900 IROQUOIS ROAD | WESTMINSTER | 92683 |

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| | L4-L5 | BLUE PANELS | | X | INTACT | ASSUMED ≈240 SF |
| | L6-L8 | | | | | ≈360 SF |
| | LIBRARY - INNOVATION LAB | | | | | ≈240 SF |
| | B1-B3 | | | | | ≈360 SF |
| | B4-B5 | | | | | ≈240 SF |
| | B6-B8 | | | | | ≈360 SF |
| | K1-K2 | | | | | ≈240 SF |
| | A1-A3 | | | | | ≈360 SF |
| | LOBBY | | | | | ≈240 SF |
| | | WHITE BOARDS | | | | ≈240 SF |
| | A1-A3 | | | | | ≈480 SF |
| | K1-K2 | | | | | ≈480 SF |
| | B6-B8 | | | | | ≈720 SF |
| | B4-B5 | | | | | ≈480 SF |
| | B1-B3 | | | | | ≈720 SF |
| | LIBRARY - INNOVATION LAB | | | | | ≈480 SF |
| | L4-L5 | | | | | ≈480 SF |
| | L6-L8 | DWIA GARLICK | | | | ≈720 SF |

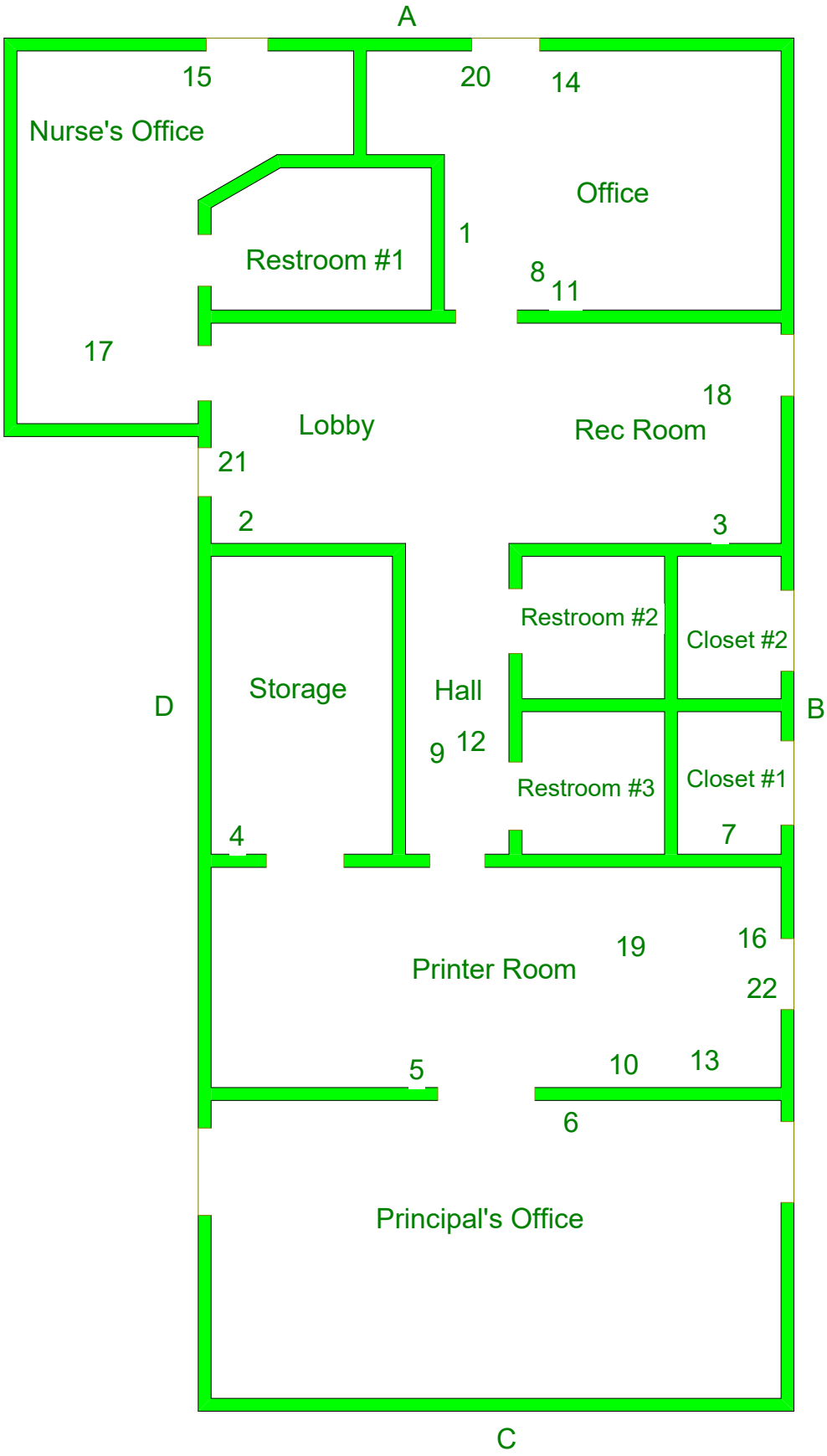
| | | |
|---|---|---|
| **Sampled/Relinquished By:** Sign: Daniel Ayala | Date: | Time: |
| **Received/ Relinquished By:** Sign: | Date: | Time: |
| **Samples Received By:** Sign: | Date: | Time: |

Sequoia Elementary School
5900 Iroquois Road
Westminster, CA 92683

Sample Location Drawing
(Drawing Not to Scale)

Project No: OC164902

Admin Building



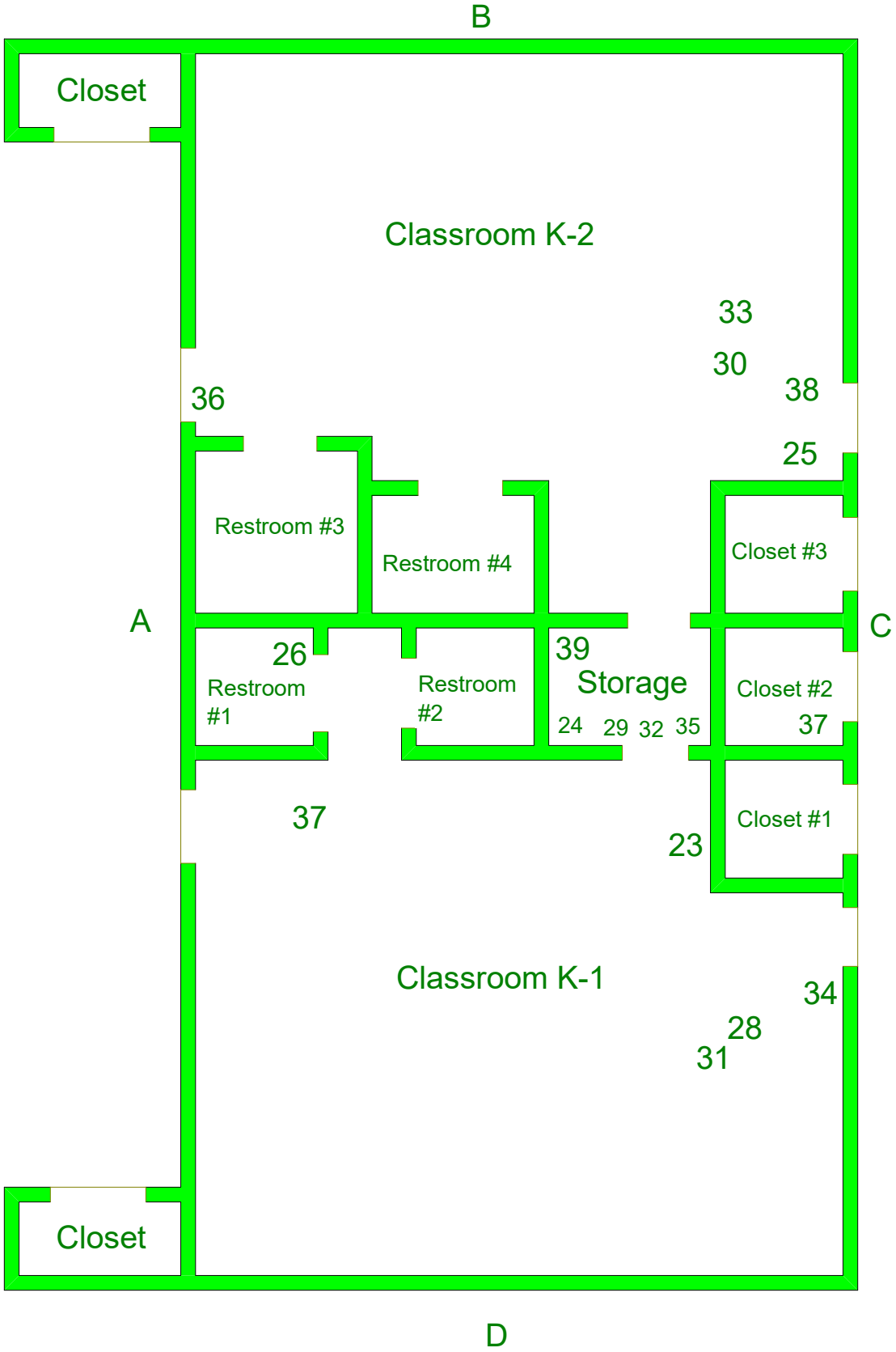

Note: Entries to each room or room equivalent is Side "A" for building interiors. Sides B, C & D proceed clockwise from side A.

Sequoia Elementary School
5900 Iroquois Road
Westminster, CA 92683

Sample Location Drawing
(Drawing Not to Scale)

Project No: OC164902

Building K-1, K-2




Note: Entries to each room or room equivalent is Side "A" for building interiors. Sides B, C & D proceed clockwise from side A.

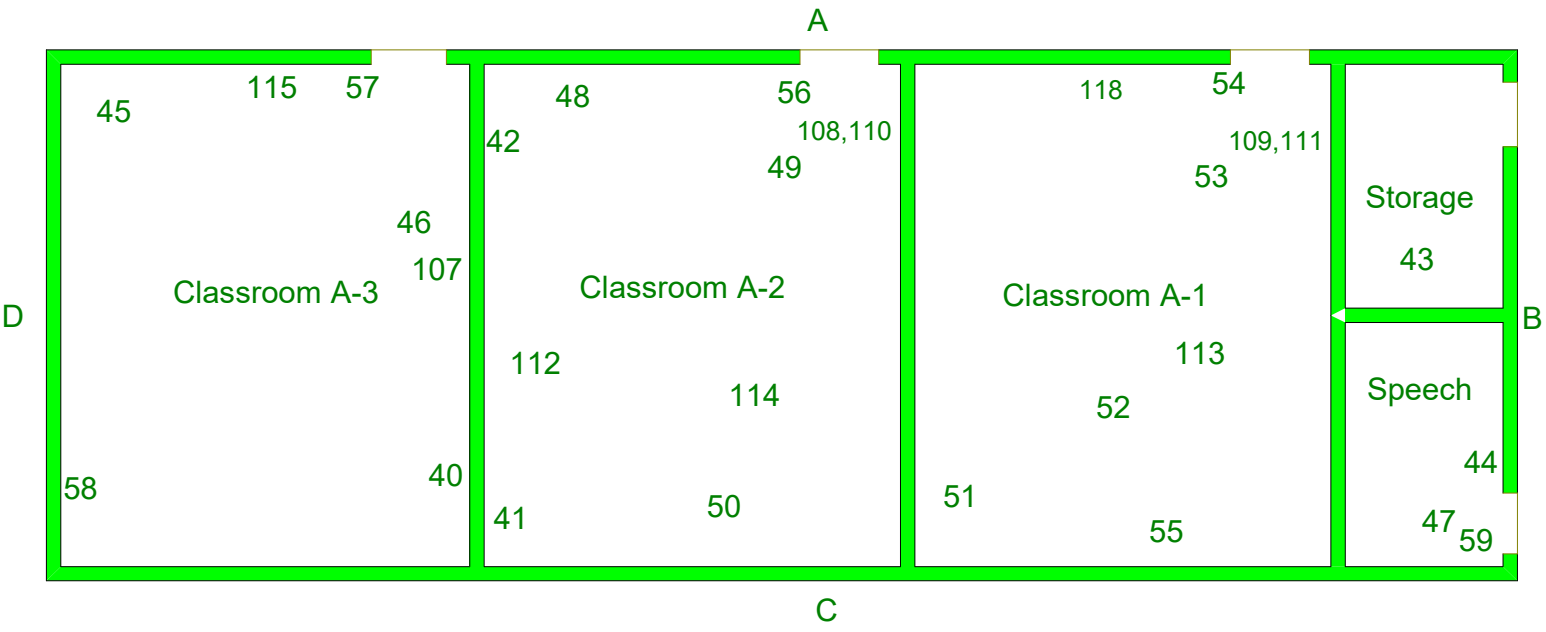
Sequoia Elementary School
5900 Iroquois Road
Westminster, CA 92683

Building A1, A2, A3

Sample Location Drawing

(Drawing Not to Scale)

Project No: OC164902

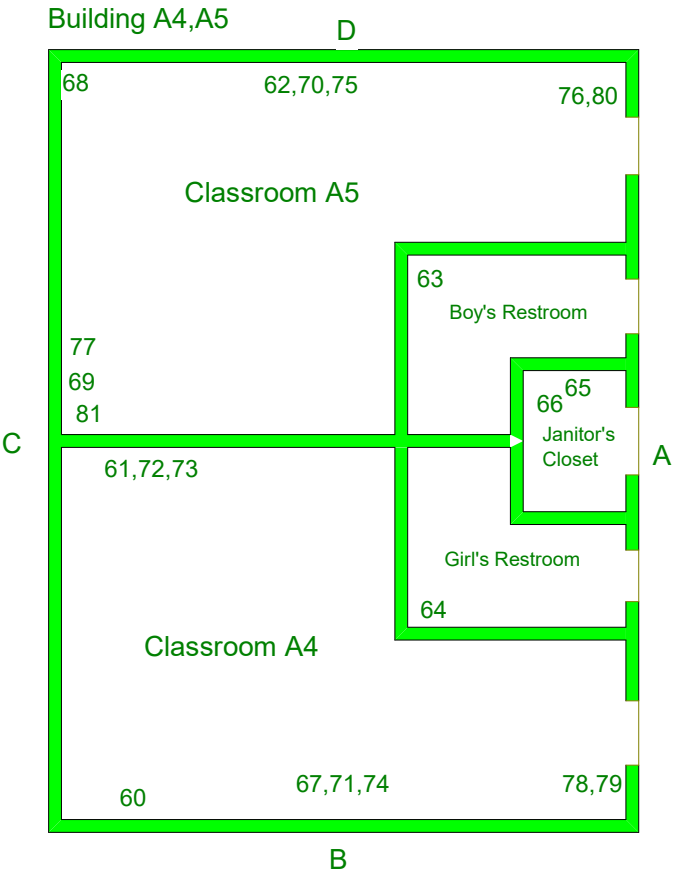


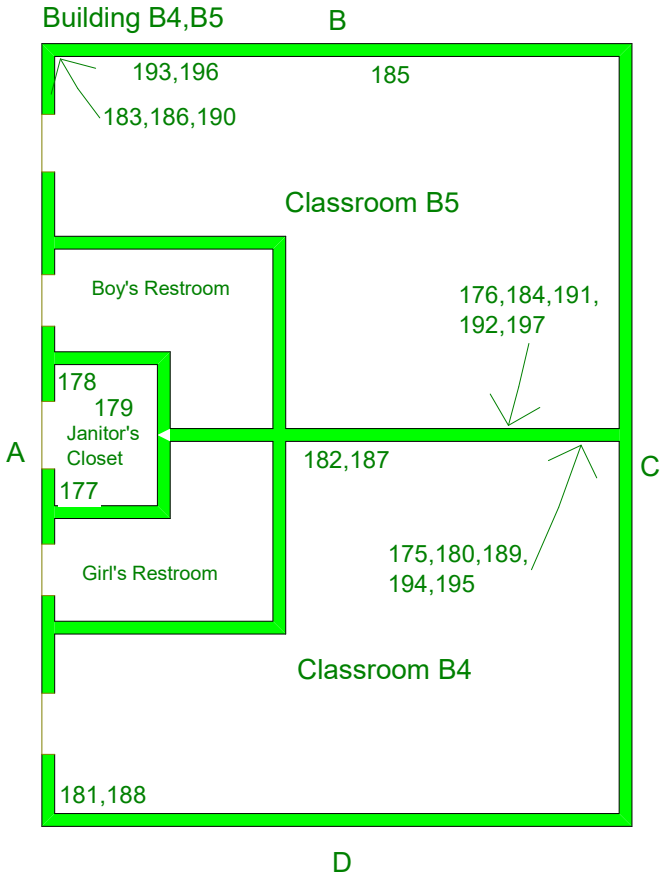

Note: Entries to each room or room equivalent is Side "A" for building interiors.
Sides B, C & D proceed clockwise from side A.

Sequoia Elementary School
5900 Iroquois Road
Westminster, CA 92683

Project No: OC164902

Sample Location Drawing
(Drawing Not to Scale)




Note: Entries to each room or room equivalent is Side "A" for building interiors.
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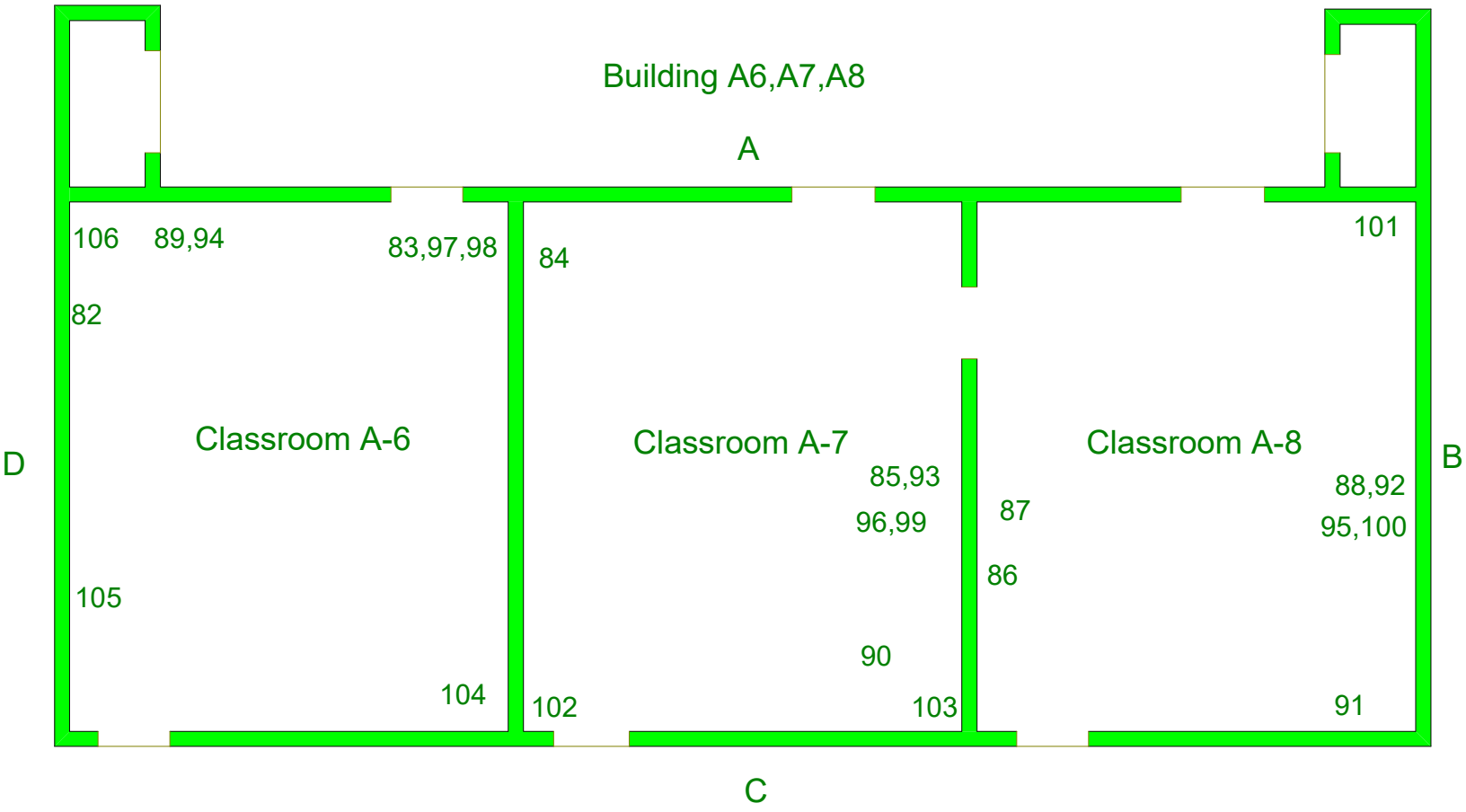
Sequoia Elementary School
5900 Iroquois Road
Westminster, CA 92683

Project No: OC164902

Sample Location Drawing
(Drawing Not to Scale)

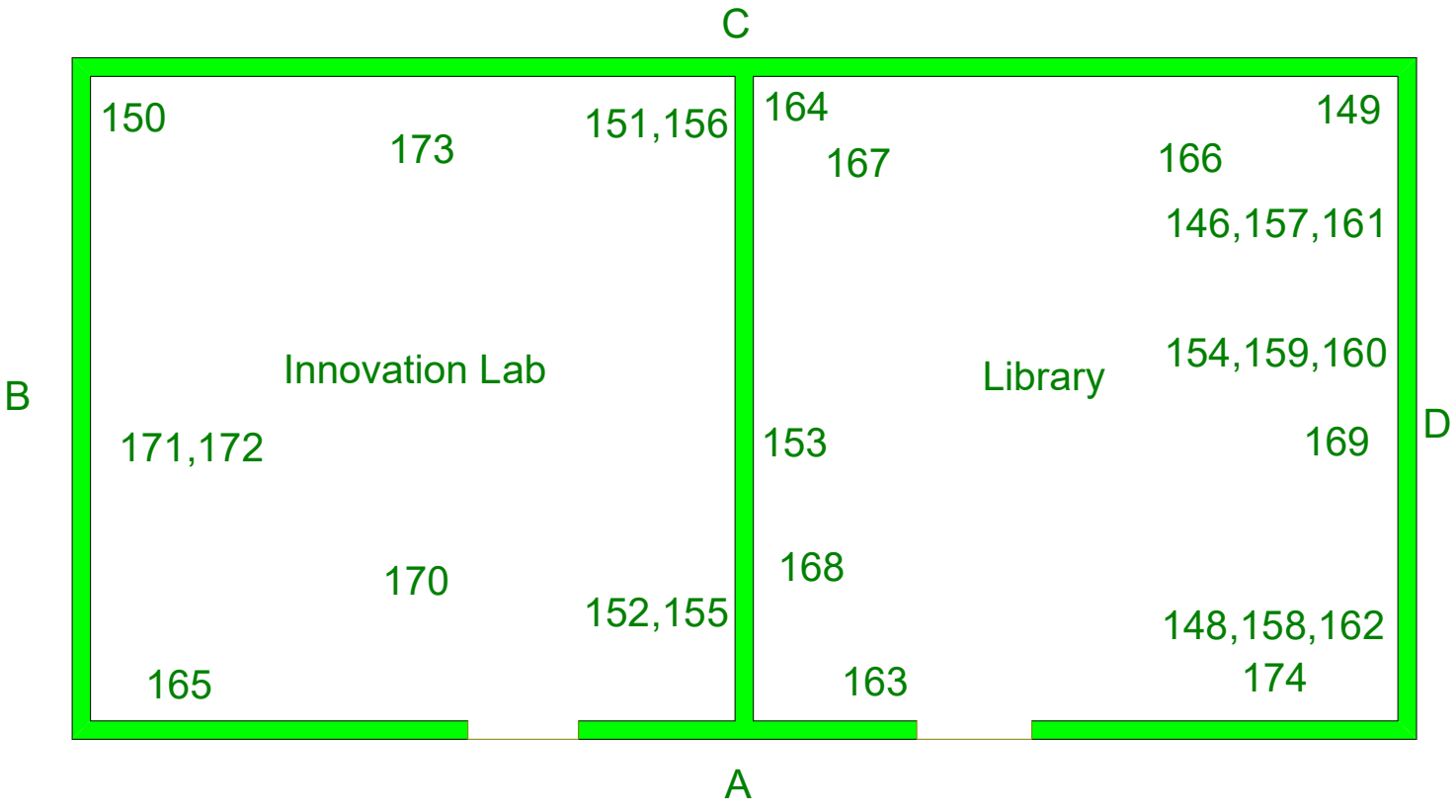



Note: Entries to each room or room equivalent is Side "A" for building interiors.
Sides B, C & D proceed clockwise from side A.

Sequoia Elementary School
5900 Iroquois Road
Westminster, CA 92683

Sample Location Drawing
(Drawing Not to Scale)

Project No: OC164902



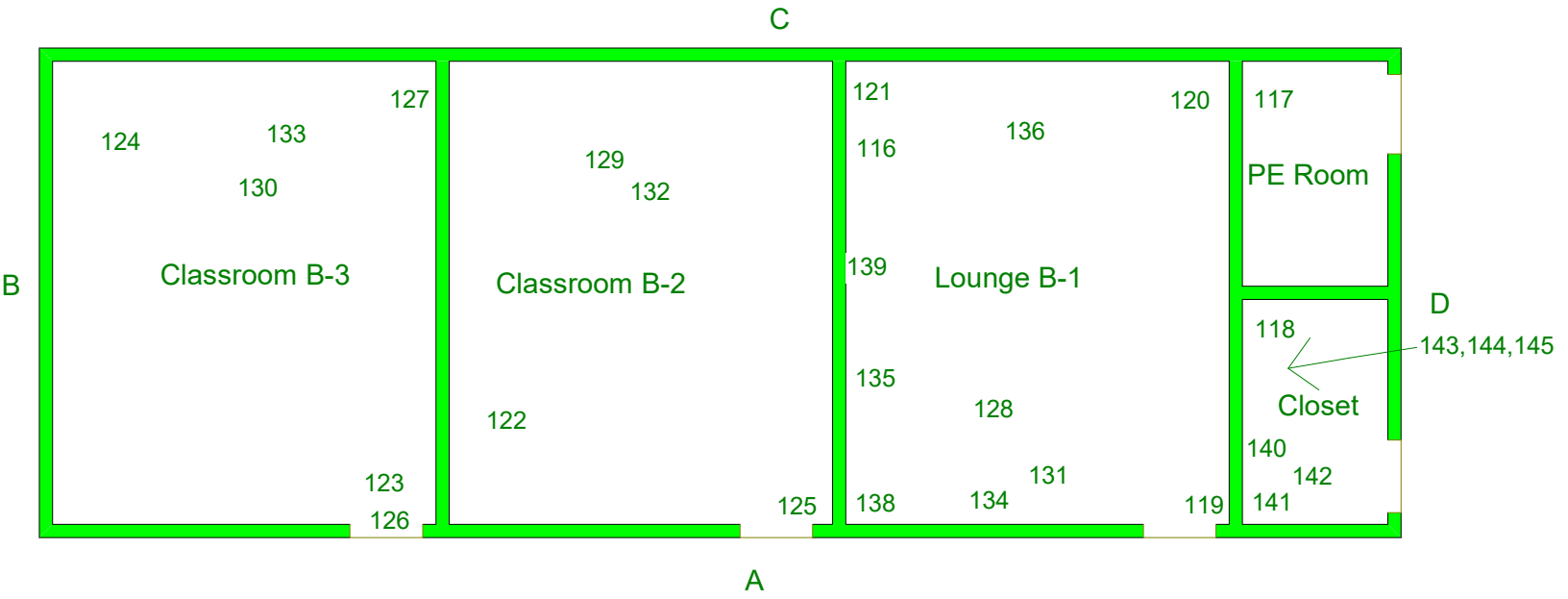

Note: Entries to each room or room equivalent is Side "A" for building interiors. Sides B, C & D proceed clockwise from side A.

Sequoia Elementary School
5900 Iroquois Road
Westminster, CA 92683

Project No: OC164902

Sample Location Drawing
(Drawing Not to Scale)

Building B1,B2,B3

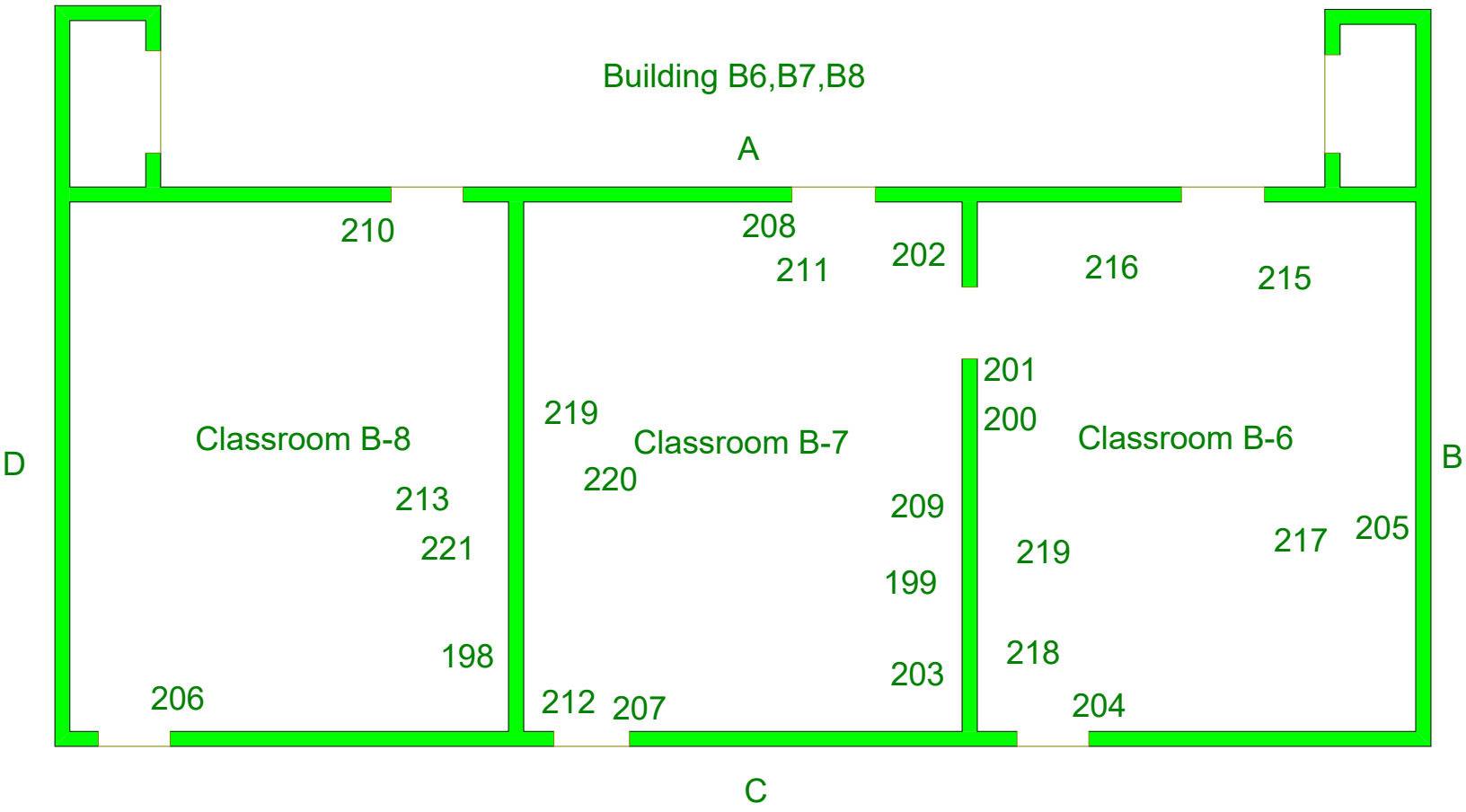



Note: Entries to each room or room equivalent is Side "A" for building interiors.
Sides B, C & D proceed clockwise from side A.

Sequoia Elementary School
5900 Iroquois Road
Westminster, CA 92683

Project No: OC164902

Sample Location Drawing
(Drawing Not to Scale)




Note: Entries to each room or room equivalent is Side "A" for building interiors.
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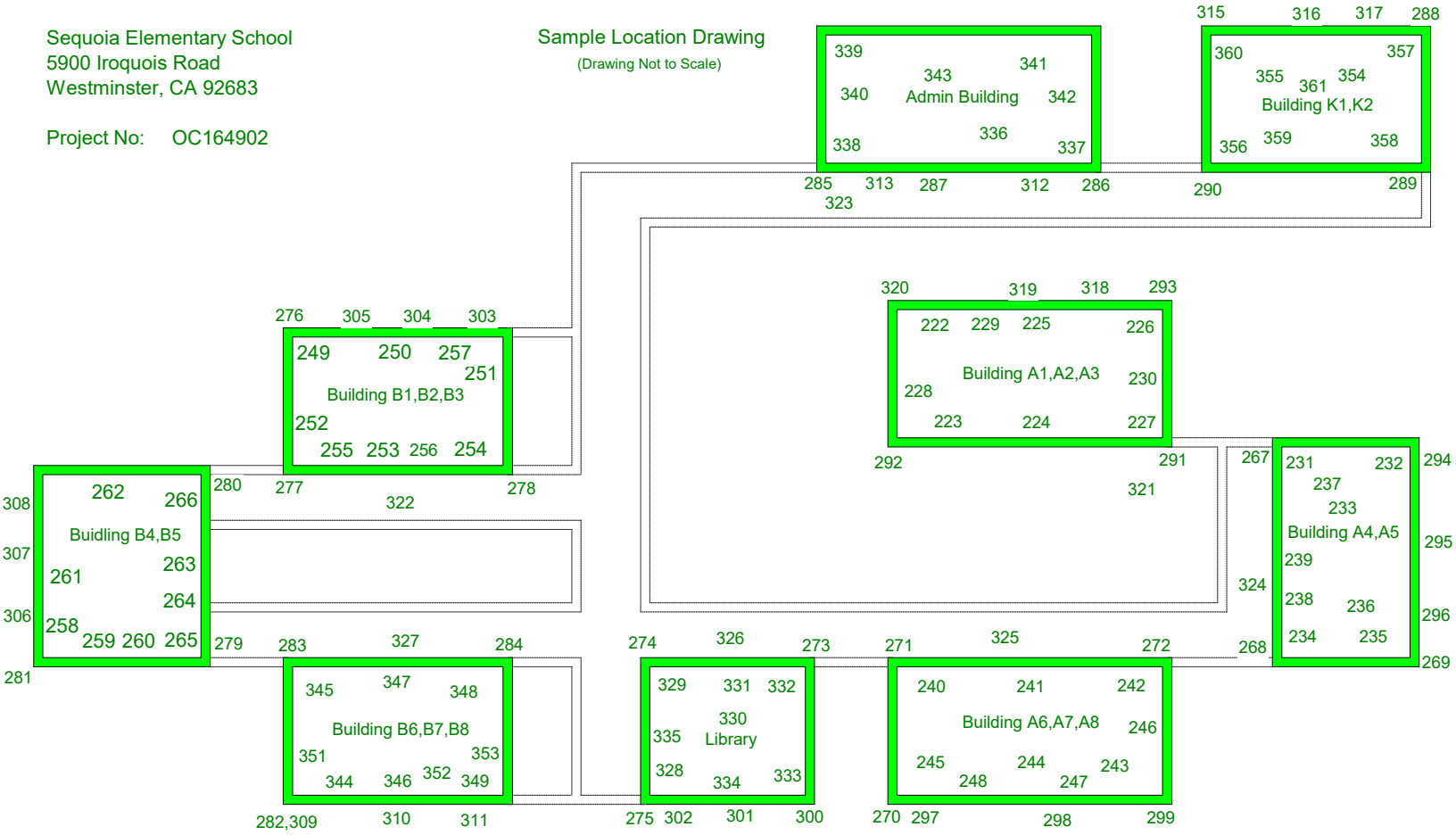
Sequoia Elementary School
5900 Iroquois Road
Westminster, CA 92683

Project No: OC164902

Sample Location Drawing
(Drawing Not to Scale)



**Henry Angel**
Certified Site Surveillance Technician
Card

CSST #15-5423

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

**Henry J Angel**
Name

Certification No. 15-5423

Expires on 05/12/24

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

# Certificate Of Completion

**Asbestos Contractor/Supervisor Refresher Course**

DOSH #:CA-015-04

**Henry Angel**

ASR0215230001N36096

Online Training — Principal Instructor

Michael W. Horner — Training Director

| Course Start Date | Course End Date | Exam Date | Expiration Date |
|---|---|---|---|
| 2/15/2023 | 2/15/2023 | 2/15/2023 | 2/15/2024 |

This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California

NATEC International, Inc.
National Association of Training and Environmental Consulting
1100 Technology Circle, Suite A, Anaheim, CA 92805 • www.natecintl.com • 800-969-3228

Important Industry Contacts

CAL-OSHA: Ph# (916) 574-2993 (916) 483-0572 Fax Notification Web: www.dir.ca.gov or calosha.com

CDPH/CLPPB: Ph# (510) 620-5600 Web: www.cdph.ca.gov/programs/CLPPB

SCAQMD: Ph# (909) 396-3739 Fax#(909) 396-3342

BAAQMD: Ph# (415) 749-4762

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National Association of Training and Environmental Consulting
Asbestos • Lead • Mold • HAZWOPER
PO Box 8657, Fountain Valley, CA 92728
(714) 678-2750, (800) 969-3228, Fax (714) 678-2757
www.natecintl.com

NATEC International, Inc.
National Association of Training and Environmental Consulting
This Card Acknowledges That
Henry Angel
Holds Training Certification For
Asbestos Contractor/Supervisor Refresher Course
Expiration: 2/15/2024
Training Date 2/15/2023
Certificate No. ASR0215230001N36096
Michael W. Horner
Training Director

# Certificate Of Completion

**Asbestos Building Inspector Refresher Course**

DOSH #:CA-015-06

**Henry Angel**

ABIR0215230001N36093

Online Training — Principal Instructor

Michael W. Horner — Training Director

| Course Start Date | Course End Date | Exam Date | Expiration Date |
|---|---|---|---|
| 2/16/2023 | 2/16/2023 | 2/16/2023 | 2/16/2024 |

This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California

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CDPH/CLPPB: Ph# (510) 620-5600 Web: www.cdph.ca.gov/programs/CLPPB

SCAQMD: Ph# (909) 396-3739 Fax#(909) 396-3342

BAAQMD: Ph# (415) 749-4762

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(714) 678-2750, (800) 969-3228, Fax (714) 678-2757
www.natecintl.com

NATEC International, Inc.
National Association of Training and Environmental Consulting
This Card Acknowledges That
Henry Angel
Holds Training Certification For
Asbestos Building Inspector Refresher Course
Expiration: 2/16/2024
Training Date 2/16/2023
Certificate No. ABIR0215230001N36093
Michael W. Horner
Training Director

# Certificate Of Completion

**Asbestos 16 Hr. Management Planner Course**

DOSH #:CA-015-07

**Henry Angel**

AMPI0413230001N35091

John Daly — Principal Instructor

Michael W. Horner — Training Director

| Course Start Date | Course End Date | Exam Date | Expiration Date |
|---|---|---|---|
| 4/13/2023 | 4/14/2023 | 4/14/2023 | 4/14/2024 |

This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California

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National Association of Training and Environmental Consulting
1100 Technology Circle, Suite A, Anaheim, CA 92805 • www.natecintl.com • 800-969-3228

Important Industry Contacts

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CDPH/CLPPB: Ph# (510) 620-5600 Web: www.cdph.ca.gov/programs/CLPPB

SCAQMD: Ph# (909) 396-3739 Fax#(909) 396-3342

BAAQMD: Ph# (415) 749-4762

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PO Box 8657, Fountain Valley, CA 92728
(714) 678-2750, (800) 969-3228, Fax (714) 678-2757
www.natecintl.com

NATEC International, Inc.
National Association of Training and Environmental Consulting
This Card Acknowledges That
Henry Angel
Holds Training Certification For
Asbestos 16 Hr. Management Planner Course
Expiration: 4/14/2024
Training Date 4/13/2023
Certificate No. AMPI0413230001N35091
Michael W. Horner
Training Director

# Certificate Of Completion

**Asbestos 24 Hr. Project Designer Course**

DOSH #:CA-015-09

**Henry Angel**

APDI0426230001N35127

Edwin Velasco — Principal Instructor

Michael W. Horner — Training Director

| Course Start Date | Course End Date | Exam Date | Expiration Date |
|---|---|---|---|
| 4/26/2023 | 4/28/2023 | 4/28/2023 | 4/28/2024 |

This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California

NATEC International, Inc.
National Association of Training and Environmental Consulting
1100 Technology Circle, Suite A, Anaheim, CA 92805 • www.natecintl.com • 800-969-3228

Important Industry Contacts

CAL-OSHA: Ph# (916) 574-2993 (916) 483-0572 Fax Notification Web: www.dir.ca.gov or calosha.com

CDPH/CLPPB: Ph# (510) 620-5600 Web: www.cdph.ca.gov/programs/CLPPB

SCAQMD: Ph# (909) 396-3739 Fax#(909) 396-3342

BAAQMD: Ph# (415) 749-4762

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(714) 678-2750, (800) 969-3228, Fax (714) 678-2757
www.natecintl.com

NATEC International, Inc.
National Association of Training and Environmental Consulting
This Card Acknowledges That
Henry Angel
Holds Training Certification For
Asbestos 24 Hr. Project Designer Course
Expiration: 4/28/2024
Training Date 4/26/2023
Certificate No. APDI0426230001N35127
Michael W. Horner
Training Director

**Daniel E. Gonzales**
Certified Site Surveillance Technician Card

CSST #06-4103

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

**Daniel E Gonzales**
Name

Certification No. 06-4103

Expires on 11/15/23

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

# Certificate Of Completion

## Asbestos Building Inspector Refresher Course

**DOSH #:CA-015-06**

**Daniel E. Gonzales III**

ABIR0301230004N36099

**Online Training**

Principal Instructor

**Michael W. Horner**
Training Director

| 3/2/2023 | 3/2/2023 | 3/2/2023 | 3/2/2024 |
|---|---|---|---|
| Course Start Date | Course End Date | Exam Date | Expiration Date |

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Web: www.cdph.ca.gov/programs/CLPPB

SCAQMD: Ph# (909) 396-3739
Fax#(909) 396-3342

BAAQMD: Ph# (415) 749-4762

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Holds Training Certification For
Asbestos Building Inspector Refresher Course
Expiration: 3/2/2024
Training Date 3/2/2023
Certificate No. ABIR0301230004N36099
Michael W. Horner
Training Director

# Certificate Of Completion

## Asbestos Contractor/Supervisor Refresher Course

**DOSH #:CA-015-04**

**Daniel E. Gonzales III**

ASR0215230018N36096

**Online Training**

Principal Instructor

**Michael W. Horner**
Training Director

| 2/27/2023 | 2/27/2023 | 2/27/2023 | 2/27/2024 |
|---|---|---|---|
| Course Start Date | Course End Date | Exam Date | Expiration Date |

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Asbestos Contractor/Supervisor Refresher Course
Expiration: 2/27/2024
Training Date 2/27/2023
Certificate No. ASR0215230018N36096
Michael W. Horner
Training Director

# Certificate Of Completion

## Asbestos Management Planner Refresher Course

**DOSH #:CA-015-08**

**Daniel E. Gonzales III**

AMPR0301230001N36100

**Online Training**

Principal Instructor

**Michael W. Horner**
Training Director

| 3/3/2023 | 3/3/2023 | 3/3/2023 | 3/3/2024 |
|---|---|---|---|
| Course Start Date | Course End Date | Exam Date | Expiration Date |

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Expiration: 3/3/2024
Training Date 3/3/2023
Certificate No. AMPR0301230001N36100
Michael W. Horner
Training Director

# Certificate Of Completion

## Asbestos Project Designer Refresher Course

**DOSH #:CA-015-10**

**Daniel E. Gonzales III**

APDR0301230001N36101

**Online Training**

Principal Instructor

**Michael W. Horner**
Training Director

| 3/1/2023 | 3/1/2023 | 3/1/2023 | 3/1/2024 |
|---|---|---|---|
| Course Start Date | Course End Date | Exam Date | Expiration Date |

This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California

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Asbestos Project Designer Refresher Course
Expiration: 3/1/2024
Training Date 3/1/2023
Certificate No. APDR0301230001N36101
Michael W. Horner
Training Director

**Johana Quintana Hernandez**
Certified Asbestos Consultant Card

CAC #19-6487

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

Name: Johana C Quintana Hernandez

Certification No. 19-6487

Expires on 05/14/24

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

# Certificate Of Completion

## Asbestos Contractor/Supervisor Refresher Course

DOSH #:CA-015-04

**Johana Quintana-Hernandez**

ASR0519230025N35308

| Course Start Date | Course End Date | Exam Date | Expiration Date |
|---|---|---|---|
| 5/19/2023 | 5/19/2023 | 5/19/2023 | 5/19/2024 |

Robert Cisneros, Principal Instructor

Michael W. Horner, Training Director

This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California

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Expiration: 5/19/2024
Training Date: 5/19/2023
Certificate No. ASR0519230025N35308
Michael W. Horner, Training Director

# Certificate Of Completion

## Asbestos Building Inspector Refresher Course

DOSH #:CA-015-06

**Johana Quintana-Hernandez**

ABIR0518230027N35220

| Course Start Date | Course End Date | Exam Date | Expiration Date |
|---|---|---|---|
| 5/18/2023 | 5/18/2023 | 5/18/2023 | 5/18/2024 |

Norm Kramer, Principal Instructor

Michael W. Horner, Training Director

This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California

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Expiration: 5/18/2024
Training Date: 5/18/2023
Certificate No. ABIR0518230027N36220
Michael W. Horner, Training Director

# Certificate Of Completion

## Asbestos Management Planner Refresher Course

DOSH #:CA-015-08

**Johana Quintana-Hernandez**

AMPR0518230009N35350

| Course Start Date | Course End Date | Exam Date | Expiration Date |
|---|---|---|---|
| 5/18/2023 | 5/18/2023 | 5/18/2023 | 5/18/2024 |

Norm Kramer, Principal Instructor

Michael W. Horner, Training Director

This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California

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Expiration: 5/18/2024
Training Date: 5/18/2023
Certificate No. AMPR0518230009N35350
Michael W. Horner, Training Director

# Certificate Of Completion

## Asbestos Project Designer Refresher Course

DOSH #:CA-015-10

**Johana Quintana-Hernandez**

APDR0517230003N35408

| Course Start Date | Course End Date | Exam Date | Expiration Date |
|---|---|---|---|
| 5/17/2023 | 5/17/2023 | 5/17/2023 | 5/17/2024 |

David Wallach, Principal Instructor

Michael W. Horner, Training Director

This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California

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Expiration: 5/17/2024
Training Date: 5/17/2023
Certificate No. APDR0517230003N35408
Michael W. Horner, Training Director

tel - 714-899-8900
free - 888-743-0998
fax - 714-899-1188
PatriotLab.com
1041 S. Placentia Avenue, Fullerton, CA 92831

PATRIOT
Environmental Laboratory Services, Inc.

**September 26, 2023**

Brian Johnson
**Westminster School District**
14121 Cedarwood Avenue
Westminster, CA 92683

Re: **Limited Lead-based Paint Survey**
Sequoia Elementary School
5900 Iroquois Road
Westminster, CA 92683

PO No: T6000778

Project No: OC164902

Dear Mr. Johnson,

On August 21 & 22, 2023, California DPH Certified Lead Sampling Technician, Mr. Alejandro Baeza (LRC-00007944) of Patriot Environmental Laboratory Services, Inc. (Patriot) performed a limited lead-based paint (LBP) survey at the above subject property located in Westminster, California. **The purpose of this survey is to identify and assess the Lead-Based Paint (LBP) present at the subject property that will be impacted by a renovation project, for the purpose of complying with the EPA's Renovation Repair and Painting Rule.**

**Site Description**

The subject property is a school structure. The subject buildings are single-story wood frame buildings set on a cement slab foundation.

**Scope of Work**

Mr. Alejandro Baeza (LRC-00007944) of Patriot conducted a limited lead-based paint survey at the subject property. The scope of work for the project, was to perform a limited LBP investigation to identify the LBP present on the interior and exterior painted/coated components and surfaces at the subject property. Suspect LBP was identified based on a walk-through of the interior and exterior of the building.

**Methodology**

A hand-held Heuresis Pb200i x-ray fluorescence (XRF) unit (Serial #1527) was used to determine the presence of lead in painted components and surfaces throughout the interior and exterior areas of the subject structure. This XRF unit utilizes a 5 mCi Cobalt$^{57}$ source dated 5/17/21. Readings were collected from representative interior and exterior building components and surfaces.

According to the HUD Guidelines, the definition of a LBP is any paint, varnish, lacquer, putty, plaster, or similar coating material, which contains lead or its compounds equal to or in excess of 1.0 mg/cm$^2$ when measured by a lead detecting instrument or 5,000 parts per million (ppm) by dry weight or more of lead.

All necessary areas of the buildings inspected were accessible to Patriot's representative at the time of this inspection.

**Summary of Findings**

A total of 335 XRF readings, including calibration readings, were collected by Patriot during the LBP survey conducted at the subject property. **Lead-based paint at concentrations equal to or greater than 1.0 mg/cm$^2$ were identified in the XRF readings from the various representative painted structural components and surfaces tested throughout the subject structures.**

The location of the identified lead-based paints in the **interior and exterior** of the site structures by XRF includes the following:

- Yellow Ceramic Wall Tile in K1 Boy's Restroom.
- White Metal Wall in Building A1, A2, A3 Classroom A1.
- Pink Metal Wall in Building A1, A2, A3 Classrooms A2, A3.
- White Metal Wall in Building A4, A5 Classrooms A4, A5.
- Pink Ceramic Wall Tile in A Building Boy's Restroom.
- Pink Ceramic Wall Tile in A Building Girl's Restroom.
- Pink Metal Wall in Building A6, A7, A8 Classroom A6.
- White Metal Wall in Building A6, A7, A8 Classroom A8.
- White Metal Wall in Library.
- Gray Metal Wall in Building B1, B2, B3 Classroom B2.
- Blue Metal Wall in Building B4, B5 Classroom B4.
- Pink Metal Wall in Building B6, B7, B8 Classroom B7.
- Pink Ceramic Wall Tile in B Building Boy's Restroom.
- Red Ceramic Wall Tile in B Building Boy's Restroom.
- Pink Ceramic Wall Tile in Admin Building Nurse's Restroom.
- Blue Metal Support Post at Covered Walkway.
- Blue Metal Door Jamb/Casing at Exterior of A4, A5 Building.
- Blue Metal Support Post at Exterior of Library Building.
- White Ceramic Coated Drinking Fountain at Exterior of B4, B5 Building.
- White Ceramic Coated Sink at Exterior of Building B Janitor's Closet.
- Blue Metal Wall at Exterior of B1, B2, B3 Building.

**Recommendations**

The results from this inspection should be provided to any individuals that may disturb the painted components and surfaces. Lead levels below the HUD/RRP threshold criteria may exist on painted surfaces throughout the subject property, therefore other lead regulations may apply.

**Title X Requirements**

A copy of this report must be provided to new lessees (tenants) and purchasers of this property under Federal law (24 CFR part 35 and 40 CFR part 745) before they become obligated under a lease or sales contract. The complete report must also be provided to new purchasers and it must be made available to new tenants. Landlords (lessors) and sellers are also required to distribute an educational pamphlet approved by the U.S. Environmental Protection Agency and include standard warning language in their leases or sales contracts to ensure that parents have the information they need to protect their children from lead-based paint hazards. This report should be maintained and updated as a permanent maintenance record for this property.

The lead-paint determination survey described herein was conducted by the undersigned of Patriot Environmental Laboratory Services, Inc. The investigation consisted solely of the activities described in the introduction to this report.

Reviewed by:

09/26/2023

Zach Levin Date
California DPH Certified LBP Inspector/ Risk Assessor #LRC-00002458

Attachments: 1) XRF Survey Data
2) Site Plan
3) Certifications
4) DPH 8552 Form

tel - 714-899-8900
free - 888-743-0998
fax - 714-899-1188
PatriotLab.com
1041 S. Placentia Avenue, Fullerton, CA 92831

PATRIOT
Environmental Laboratory Services, Inc.

Valued Customer,

Please find attached lead results for your project. For your convenience the following regulatory information is provided.

Through the **EPA**[1], the RRP (Renovation, Repair, and Painting Rule) defines lead based paint as any paint, varnish, lacquer, putty, plaster, or similar coating material which contains lead or its compounds in excess of 5,000 parts per million (ppm) by dry weight, 1.0mg/cm² by XRF, or 0.5% by weight.

**Note:**
**Over 5,000 ppm – requires "lead abatement" as defined by the EPA**
**1 – 5,000 ppm – "lead abatement" as defined by the EPA, NOT required (follow Cal/OSHA rules for worker protection)**
**0 – no protection required.**

**OSHA**[2] regulates any and all levels of lead in paint when that paint is disturbed and exposed to the employee above the action level of 30 micrograms per square meter of air.

The attached data should be provided to any contactor or individual that may disturb painted surfaces with any amount of lead at your project.

If you have any questions regarding your results do not hesitate to contact the Field Department at 714-899-8900. We will be more than happy to assist you with any inquiries you may have regarding this project.

Regards,

**The Field Department**
tel 714-899-8900 | free 888-743-0998 | fax 714-899-7098 |
fieldservices@patriotlab.com

1 "Renovation, Repair and Painting (RRP)." *Lead in Paint, Dust, and Soil*. 4 April 2011. 12 April 2011. www.epa.gov/lead/pubs/renovation.htm.
2 "Title 8 California Code of Regulations." *Cal/OSHA Construction Safety Orders, Lead Section 1532.1*. 6 March 2007. 18 April 2011. www.cdph.ca.gov/programs/olppp/Documents/lic.pdf.

# XRF Analysis Data

PATRIOT Environmental Laboratory Services, Inc.

To: Brian Johnson
Westminster School District
14121 Cedarwood Avenue
Westminster, CA 92683
PO No: T6000778

Serial # Pb200I-1527
Site: 5900 Iroquois Road
Westminster, CA 92683
Date: 8/21/2023 & 8/22/2023

| Reading No | COMPONENT | SUBSTRATE | SIDE | CONDITION | COLOR | ROOM | Results | mgcm2 | Action Level | Nom Secs | 3 SD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Calibrate - Front | | | | | | Negative | 0.9 | 1 | 5 | 0.1 |
| 2 | Calibrate - Front | | | | | | Positive | 1 | 1 | 5 | 0.1 |
| 3 | Calibrate - Front | | | | | | Positive | 1 | 1 | 5 | 0.1 |
| 4 | Wall | Brick | A | Intact - Fair | White | Classroom K1 | Negative | 0 | 1 | 2 | 0.2 |
| 5 | Wall | Brick | C | Intact - Fair | White | Classroom K1 | Negative | 0 | 1 | 2 | 0.2 |
| 6 | Wall | Metal | C | Intact - Fair | White | Classroom K1 | Negative | 0.1 | 1 | 2 | 0.2 |
| 7 | Wall | Drywall | B | Intact - Fair | White | Classroom K1 | Negative | 0 | 1 | 2 | 0.2 |
| 8 | Wall | Drywall | A | Intact - Fair | White | Classroom K1 | Negative | 0.4 | 1 | 2 | 0.2 |
| 9 | Wall | Drywall | D | Intact - Fair | White | Classroom K1 | Negative | 0.3 | 1 | 2 | 0.2 |
| 10 | Door | Wood | A | Intact - Fair | Blue | Classroom K1 | Negative | 0.1 | 1 | 2 | 0.2 |
| 11 | Door Jamb/Casing | Wood | A | Intact - Fair | Blue | Classroom K1 | Negative | 0.6 | 1 | 2 | 0.2 |
| 12 | Door Jamb/Casing | Wood | A | Intact - Fair | Gray | K1 Boys Restroom | Negative | 0.6 | 1 | 2 | 0.2 |
| 13 | Door | Wood | A | Intact - Fair | Gray | K1 Boys Restroom | Negative | 0 | 1 | 2 | 0.2 |
| 14 | Wall | Drywall | A | Intact - Fair | White | K1 Boys Restroom | Negative | 0 | 1 | 2 | 0.2 |
| 15 | Wall | Drywall | B | Intact - Fair | White | K1 Boys Restroom | Negative | 0.2 | 1 | 2 | 0.2 |
| 16 | Wall | Drywall | C | Intact - Fair | White | K1 Boys Restroom | Negative | 0.1 | 1 | 2 | 0.2 |
| 17 | Wall | Drywall | D | Intact - Fair | White | K1 Boys Restroom | Negative | 0.2 | 1 | 2 | 0.2 |
| 18 | Wall | Ceramic Tile | D | Intact - Fair | Beige | K1 Boys Restroom | Negative | 0.2 | 1 | 2 | 0.2 |
| 19 | Wall | Ceramic Tile | A | Intact - Fair | Beige | K1 Boys Restroom | Negative | 0 | 1 | 2 | 0.2 |
| **20** | **Wall** | **Ceramic Tile** | **C** | **Intact - Fair** | **Yellow** | **K1 Boys Restroom** | **Positive** | **13.6** | **1** | **2** | **0.2** |
| **21** | **Wall** | **Ceramic Tile** | **B** | **Intact - Fair** | **Yellow** | **K1 Boys Restroom** | **Positive** | **13.5** | **1** | **2** | **0.2** |
| 22 | Floor | Ceramic Tile | Floor | Intact - Fair | Beige | K1 Boys Restroom | Negative | 0 | 1 | 2 | 0.2 |
| 23 | Toilet | Ceramic Coated | D | Intact - Fair | White | K1 Boys Restroom | Negative | 0 | 1 | 2 | 0.2 |
| 24 | Urinal | Ceramic Coated | D | Intact - Fair | White | K1 Boys Restroom | Negative | 0.1 | 1 | 2 | 0.2 |
| 25 | Floor | Ceramic Tile | Floor | Intact - Fair | Gray | K1 Boys Restroom | Negative | 0.1 | 1 | 2 | 0.2 |
| 26 | Ceiling | Drywall | Ceilng | Intact - Fair | White | K1 Boys Restroom | Negative | 0.2 | 1 | 2 | 0.2 |
| 27 | Wall | Brick | A | Intact - Fair | White | Classroom K2 | Negative | 0.1 | 1 | 2 | 0.2 |
| 28 | Wall | Drywall | B | Intact - Fair | White | Classroom K2 | Negative | 0.2 | 1 | 2 | 0.2 |
| 29 | Wall | Brick | C | Intact - Fair | White | Classroom K2 | Negative | 0.4 | 1 | 2 | 0.2 |
| 30 | Wall | Drywall | D | Intact - Fair | White | Classroom K2 | Negative | 0.3 | 1 | 2 | 0.2 |
| 31 | Wall | Drywall | A | Intact - Fair | Blue | Classroom K2 | Negative | 0 | 1 | 2 | 0.2 |

# XRF Analysis Data

| Reading No | COMPONENT | SUBSTRATE | SIDE | CONDITION | COLOR | ROOM | Results | mgcm2 | Action Level | Nom Secs | 3 SD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | Door Jamb/Casing | Metal | A | Intact - Fair | Blue | Classroom K2 | Negative | 0.6 | 1 | 2 | 0.2 |
| 33 | Door | Wood | A | Intact - Fair | Blue | Classroom K2 | Negative | 0 | 1 | 2 | 0.2 |
| 34 | Door | Wood | A | Intact - Fair | Blue | Classroom K2 | Negative | 0.1 | 1 | 2 | 0.2 |
| 35 | Floor | Ceramic Tile | C | Intact - Fair | Gray | Classroom K2 | Negative | 0.2 | 1 | 2 | 0.2 |
| 36 | Wall | Ceramic Tile | B | Intact - Fair | Pink | Classroom K2 | Negative | 0.2 | 1 | 2 | 0.2 |
| 37 | Wall | Ceramic Tile | A | Intact - Fair | Pink | K2 Restroom | Negative | 0.3 | 1 | 2 | 0.2 |
| 38 | Wall | Ceramic Tile | A | Intact - Fair | Red | K2 Restroom | Negative | 0.2 | 1 | 2 | 0.2 |
| 39 | Wall | Ceramic Tile | B | Intact - Fair | Red | K2 Restroom | Negative | 0.1 | 1 | 2 | 0.2 |
| 40 | Wall | Ceramic Tile | B | Intact - Fair | Pink | K2 Restroom | Negative | 0.3 | 1 | 2 | 0.2 |
| 41 | Wall | Ceramic Tile | C | Intact - Fair | Pink | K2 Restroom | Negative | 0 | 1 | 2 | 0.2 |
| 42 | Wall | Ceramic Tile | C | Intact - Fair | Red | K2 Restroom | Negative | 0 | 1 | 2 | 0.2 |
| 43 | Wall | Ceramic Tile | D | Intact - Fair | Red | K2 Restroom | Negative | 0 | 1 | 2 | 0.2 |
| 44 | Wall | Ceramic Tile | D | Intact - Fair | Pink | K2 Restroom | Negative | 0.1 | 1 | 2 | 0.2 |
| 45 | Floor | Ceramic Tile | Floor | Intact - Fair | Gray | K2 Restroom | Negative | 0.1 | 1 | 2 | 0.2 |
| 46 | Ceiling | Drywall | Ceilng | Intact - Fair | White | K2 Restroom | Negative | 0.1 | 1 | 2 | 0.2 |
| 47 | Toilet | Ceramic Coated | C | Intact - Fair | White | K2 Restroom | Negative | 0 | 1 | 2 | 0.2 |
| 48 | Urinal | Ceramic Coated | C | Intact - Fair | White | K2 Restroom | Negative | 0.2 | 1 | 2 | 0.2 |
| 49 | Door Jamb/Casing | Metal | A | Intact - Fair | Gray | K2 Restroom | Negative | 0.1 | 1 | 2 | 0.2 |
| 50 | Door | Wood | A | Intact - Fair | Gray | K2 Restroom | Negative | 0.1 | 1 | 2 | 0.2 |
| 51 | Door | Wood | A | Intact - Fair | Blue | Classroom A1 | Negative | 0.6 | 1 | 2 | 0.2 |
| 52 | Door Jamb/Casing | Metal | A | Intact - Fair | Blue | Classroom A1 | Negative | 0.5 | 1 | 2 | 0.2 |
| 53 | Wall | Brick | A | Intact - Fair | White | Classroom A1 | Negative | 0.1 | 1 | 2 | 0.2 |
| **54** | **Wall** | **Metal** | **C** | **Intact - Fair** | **White** | **Classroom A1** | **Positive** | **2.3** | **1** | **2** | **0.2** |
| 55 | Wall | Wood | D | Intact - Fair | Blue | Classroom A1 | Negative | 0.1 | 1 | 2 | 0.2 |
| 56 | Wall | Wood | D | Intact - Fair | Blue | Classroom A2 | Negative | 0.1 | 1 | 2 | 0.2 |
| 57 | Wall | Wood | B | Intact - Fair | White | Classroom A2 | Negative | 0 | 1 | 2 | 0.2 |
| 58 | Wall | Drywall | B | Intact - Fair | White | Classroom A2 | Negative | 0.3 | 1 | 2 | 0.2 |
| **59** | **Wall** | **Metal** | **C** | **Intact - Fair** | **Pink** | **Classroom A2** | **Positive** | **2.2** | **1** | **2** | **0.2** |
| 60 | Wall | Drywall | D | Intact - Fair | Blue | Classroom A2 | Negative | 0.3 | 1 | 2 | 0.2 |
| 61 | Wall | Wood | A | Intact - Fair | Blue | Classroom A2 | Negative | 0 | 1 | 2 | 0.2 |
| 62 | Door | Wood | A | Intact - Fair | Blue | Classroom A2 | Negative | 0.2 | 1 | 2 | 0.2 |
| 63 | Door Jamb/Casing | Metal | A | Intact - Fair | Blue | Classroom A2 | Negative | 0.5 | 1 | 2 | 0.2 |
| 64 | Door Jamb/Casing | Metal | A | Intact - Fair | Blue | Classroom A3 | Negative | 0.6 | 1 | 2 | 0.2 |
| 65 | Door | Wood | A | Intact - Fair | Blue | Classroom A3 | Negative | 0.1 | 1 | 2 | 0.2 |
| 66 | Wall | Wood | A | Intact - Fair | Blue | Classroom A3 | Negative | 0 | 1 | 2 | 0.2 |
| 67 | Wall | Drywall | B | Intact - Fair | White | Classroom A3 | Negative | 0.3 | 1 | 2 | 0.2 |

# XRF Analysis Data

| Reading No | COMPONENT | SUBSTRATE | SIDE | CONDITION | COLOR | ROOM | Results | mgcm2 | Action Level | Nom Secs | 3 SD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **68** | **Wall** | **Metal** | **C** | **Intact - Fair** | **Pink** | **Classroom A3** | **Positive** | **2.1** | **1** | **2** | **0.2** |
| **69** | **Wall** | **Metal** | **C** | **Intact - Fair** | **White** | **Classroom A4** | **Positive** | **2.2** | **1** | **2** | **0.2** |
| 70 | Wall | Brick | C | Intact - Fair | White | Classroom A4 | Negative | 0 | 1 | 2 | 0.2 |
| 71 | Wall | Wood | B | Intact - Fair | Blue | Classroom A4 | Negative | 0.2 | 1 | 2 | 0.2 |
| 72 | Wall | Wood | D | Intact - Fair | White | Classroom A4 | Negative | 0.1 | 1 | 2 | 0.2 |
| 73 | Wall | Brick | A | Intact - Fair | White | Classroom A4 | Negative | 0.4 | 1 | 2 | 0.2 |
| 74 | Wall | Wood | A | Intact - Fair | Blue | Classroom A4 | Negative | 0.1 | 1 | 2 | 0.2 |
| 75 | Door | Wood | A | Intact - Fair | Blue | Classroom A4 | Negative | 0.1 | 1 | 2 | 0.2 |
| 76 | Door Jamb/Casing | Metal | A | Intact - Fair | Blue | Classroom A4 | Negative | 0.6 | 1 | 2 | 0.2 |
| 77 | Door Jamb/Casing | Metal | A | Intact - Fair | Blue | Classroom A5 | Negative | 0.5 | 1 | 2 | 0.2 |
| 78 | Door | Wood | A | Intact - Fair | Blue | Classroom A5 | Negative | 0.1 | 1 | 2 | 0.2 |
| 79 | Wall | Wood | A | Intact - Fair | Blue | Classroom A5 | Negative | 0.1 | 1 | 2 | 0.2 |
| 80 | Wall | Brick | A | Intact - Fair | White | Classroom A5 | Negative | 0 | 1 | 2 | 0.2 |
| 81 | Wall | Wood | B | Intact - Fair | White | Classroom A5 | Negative | 0 | 1 | 2 | 0.2 |
| 82 | Wall | Wood | C | Intact - Fair | White | Classroom A5 | Negative | 0 | 1 | 2 | 0.2 |
| **83** | **Wall** | **Metal** | **C** | **Intact - Fair** | **White** | **Classroom A5** | **Positive** | **2** | **1** | **2** | **0.2** |
| 84 | Wall | Brick | D | Intact - Fair | Blue | Classroom A5 | Negative | 0 | 1 | 2 | 0.2 |
| 85 | Wall | Wood | D | Intact - Fair | Blue | Classroom A5 | Negative | 0.2 | 1 | 2 | 0.2 |
| 86 | Door | Wood | A | Intact - Fair | Blue | A Building Boys Restroom | Negative | 0 | 1 | 2 | 0.2 |
| 87 | Door Jamb/Casing | Metal | A | Intact - Fair | Blue | A Building Boys Restroom | Negative | 0.1 | 1 | 2 | 0.2 |
| 88 | Wall | Ceramic Tile | B | Intact - Fair | Pink | A Building Boys Restroom | Negative | 0.1 | 1 | 2 | 0.2 |
| **89** | **Wall** | **Ceramic Tile** | **B** | **Intact - Fair** | **Pink** | **A Building Boys Restroom** | **Positive** | **10.6** | **1** | **2** | **0.2** |
| **90** | **Wall** | **Ceramic Tile** | **C** | **Intact - Fair** | **Pink** | **A Building Boys Restroom** | **Positive** | **10.4** | **1** | **2** | **0.2** |
| **91** | **Wall** | **Ceramic Tile** | **D** | **Intact - Fair** | **Pink** | **A Building Boys Restroom** | **Positive** | **9.1** | **1** | **2** | **0.2** |
| **92** | **Wall** | **Ceramic Tile** | **A** | **Intact - Fair** | **Pink** | **A Building Boys Restroom** | **Positive** | **10.2** | **1** | **2** | **0.2** |
| 93 | Floor | Ceramic Tile | Floor | Intact - Fair | Tan | A Building Boys Restroom | Negative | 0.1 | 1 | 2 | 0.2 |
| 94 | Wall | Drywall | A | Intact - Fair | White | A Building Boys Restroom | Negative | 0 | 1 | 2 | 0.2 |
| 95 | Wall | Drywall | B | Intact - Fair | White | A Building Boys Restroom | Negative | 0.1 | 1 | 2 | 0.2 |
| 96 | Wall | Drywall | C | Intact - Fair | White | A Building Boys Restroom | Negative | 0.3 | 1 | 2 | 0.2 |
| 97 | Ceiling | Drywall | Ceiling | Intact - Fair | White | A Building Boys Restroom | Negative | 0.1 | 1 | 2 | 0.2 |
| 98 | Sink | Ceramic Coated | C | Intact - Fair | White | A Building Boys Restroom | Negative | 0.2 | 1 | 2 | 0.2 |
| 99 | Urinal | Ceramic Coated | B | Intact - Fair | White | A Building Boys Restroom | Negative | 0 | 1 | 2 | 0.2 |
| 100 | Toilet | Ceramic Coated | B | Intact - Fair | White | A Building Boys Restroom | Negative | 0.5 | 1 | 2 | 0.2 |
| 101 | Wall | Wood | A | Intact - Fair | Blue | A Building Boys Restroom | Negative | 0.1 | 1 | 2 | 0.2 |
| 102 | Wall | Stucco | B | Intact - Fair | White | A Building Janitors Closet | Negative | 0 | 1 | 2 | 0.2 |

# XRF Analysis Data

| Reading No | COMPONENT | SUBSTRATE | SIDE | CONDITION | COLOR | ROOM | Results | mgcm2 | Action Level | Nom Secs | 3 SD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 103 | Wall | Stucco | D | Intact - Fair | White | A Building Janitors Closet | Negative | 0.2 | 1 | 2 | 0.2 |
| 104 | Wall | Wood | A | Intact - Fair | Blue | A Building Janitors Closet | Negative | 0.1 | 1 | 2 | 0.2 |
| 105 | Ceiling | Stucco | Ceiling | Intact - Fair | Gray | A Building Janitors Closet | Negative | 0.3 | 1 | 2 | 0.2 |
| 106 | Wall | Ceramic Tile | B | Intact - Fair | Tan | A Building Girls Restroom | Negative | 0.2 | 1 | 2 | 0.2 |
| 107 | Wall | Ceramic Tile | D | Intact - Fair | Tan | A Building Girls Restroom | Negative | 0.3 | 1 | 2 | 0.2 |
| **108** | **Wall** | **Ceramic Tile** | **D** | **Intact - Fair** | **Pink** | **A Building Girls Restroom** | **Positive** | **12.3** | **1** | **2** | **0.2** |
| **109** | **Wall** | **Ceramic Tile** | **A** | **Intact - Fair** | **Pink** | **A Building Girls Restroom** | **Positive** | **10.1** | **1** | **2** | **0.2** |
| **110** | **Wall** | **Ceramic Tile** | **D** | **Intact - Fair** | **Pink** | **A Building Girls Restroom** | **Positive** | **9.9** | **1** | **2** | **0.2** |
| **111** | **Wall** | **Ceramic Tile** | **C** | **Intact - Fair** | **Pink** | **A Building Girls Restroom** | **Positive** | **10.8** | **1** | **2** | **0.2** |
| 112 | Floor | Ceramic Tile | C | Intact - Fair | Gray | A Building Girls Restroom | Negative | 0.1 | 1 | 2 | 0.2 |
| 113 | Wall | Drywall | C | Intact - Fair | White | A Building Girls Restroom | Negative | 0.2 | 1 | 2 | 0.2 |
| 114 | Wall | Drywall | D | Intact - Fair | White | A Building Girls Restroom | Negative | 0.3 | 1 | 2 | 0.2 |
| 115 | Ceilng | Drywall | Ceilng | Intact - Fair | White | A Building Girls Restroom | Negative | 0.5 | 1 | 2 | 0.2 |
| **116** | **Wall** | **Metal** | **C** | **Intact - Fair** | **Pink** | **Classroom A6** | **Positive** | **2.7** | **1** | **2** | **0.2** |
| 117 | Door | Wood | A | Intact - Fair | Blue | Classroom A6 | Negative | 0.1 | 1 | 2 | 0.2 |
| 118 | Door Jamb/Casing | Metal | A | Intact - Fair | Blue | Classroom A6 | Negative | 0.5 | 1 | 2 | 0.2 |
| 119 | Wall | Wood | A | Intact - Fair | Blue | Classroom A6 | Negative | 0.1 | 1 | 2 | 0.2 |
| 120 | Wall | Wood | A | Intact - Fair | Blue | Classroom A8 | Negative | 0.1 | 1 | 2 | 0.2 |
| 121 | Wall | Brick | A | Intact - Fair | White | Classroom A8 | Negative | 0 | 1 | 2 | 0.2 |
| 122 | Wall | Brick | C | Intact - Fair | White | Classroom A8 | Negative | 0 | 1 | 2 | 0.2 |
| 123 | Wall | Wood | D | Intact - Fair | White | Classroom A8 | Negative | 0 | 1 | 2 | 0.2 |
| 124 | Wall | Wood | B | Intact - Fair | Blue | Classroom A8 | Negative | 0 | 1 | 2 | 0.2 |
| **125** | **Wall** | **Metal** | **C** | **Intact - Fair** | **White** | **Classroom A8** | **Positive** | **2.5** | **1** | **2** | **0.2** |
| 126 | Wall | Metal | C | Intact - Fair | White | Library | Negative | 0.1 | 1 | 2 | 0.2 |
| **127** | **Wall** | **Metal** | **C** | **Intact - Fair** | **White** | **Library** | **Positive** | **1.2** | **1** | **5** | **0.1** |
| 128 | Wall | Brick | C | Intact - Fair | White | Library | Negative | 0 | 1 | 2 | 0.2 |
| 129 | Wall | Brick | A | Intact - Fair | Blue | Library | Negative | 0 | 1 | 2 | 0.2 |
| 130 | Wall | Wood | B | Intact - Fair | White | Library | Negative | 0 | 1 | 2 | 0.2 |
| 131 | Wall | Wood | D | Intact - Fair | White | Library | Negative | 0 | 1 | 2 | 0.2 |
| 132 | Wall | Wood | D | Intact - Fair | White | Classroom B1 | Negative | 0.3 | 1 | 2 | 0.2 |
| 133 | Wall | Wood | B | Intact - Fair | White | Classroom B1 | Negative | 0.1 | 1 | 2 | 0.2 |
| 134 | Wall | Drywall | B | Intact - Fair | White | Classroom B1 | Negative | 0.2 | 1 | 2 | 0.2 |
| 135 | Door | Wood | A | Intact - Fair | Blue | Classroom B1 | Negative | 0 | 1 | 2 | 0.2 |
| 136 | Door Jamb/Casing | Metal | A | Intact - Fair | Blue | Classroom B1 | Negative | 0.6 | 1 | 2 | 0.2 |
| 137 | Wall | Wood | A | Intact - Fair | Blue | Classroom B1 | Negative | 0.2 | 1 | 2 | 0.2 |

# XRF Analysis Data

| Reading No | COMPONENT | SUBSTRATE | SIDE | CONDITION | COLOR | ROOM | Results | mgcm2 | Action Level | Nom Secs | 3 SD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 138 | Wall | Wood | A | Intact - Fair | Blue | Classroom B2 | Negative | 0 | 1 | 2 | 0.2 |
| 139 | Door | Wood | A | Intact - Fair | Blue | Classroom B2 | Negative | 0.2 | 1 | 2 | 0.2 |
| 140 | Door Jamb/Casing | Metal | A | Intact - Fair | Blue | Classroom B2 | Negative | 0.6 | 1 | 2 | 0.2 |
| 141 | Wall | Brick | A | Intact - Fair | White | Classroom B2 | Negative | 0 | 1 | 2 | 0.2 |
| 142 | Wall | Wood | B | Intact - Fair | Blue | Classroom B2 | Negative | 0.1 | 1 | 3 | 0.2 |
| **143** | **Wall** | **Metal** | **C** | **Intact - Fair** | **Gray** | **Classroom B2** | **Positive** | **2.6** | **1** | **2** | **0.2** |
| 144 | Wall | Metal | C | Intact - Fair | Gray | Classroom B3 | Negative | 0 | 1 | 2 | 0.2 |
| 145 | Wall | Wood | B | Intact - Fair | Blue | Classroom B3 | Negative | 0.1 | 1 | 2 | 0.2 |
| 146 | Wall | Brick | A | Intact - Fair | White | Classroom B3 | Negative | 0 | 1 | 2 | 0.2 |
| 147 | Door Jamb/Casing | Metal | A | Intact - Fair | Blue | Classroom B3 | Negative | 0.6 | 1 | 2 | 0.2 |
| 148 | Wall | Wood | A | Intact - Fair | Blue | Classroom B3 | Negative | 0.1 | 1 | 2 | 0.2 |
| 149 | Wall | Wood | A | Intact - Fair | Blue | Classroom B4 | Negative | 0.2 | 1 | 2 | 0.2 |
| 150 | Door | Wood | A | Intact - Fair | Blue | Classroom B4 | Negative | 0 | 1 | 2 | 0.2 |
| 151 | Door Jamb/Casing | Metal | A | Intact - Fair | Blue | Classroom B4 | Negative | 0.6 | 1 | 2 | 0.2 |
| 152 | Wall | Brick | A | Intact - Fair | White | Classroom B4 | Negative | 0 | 1 | 2 | 0.2 |
| 153 | Wall | Wood | B | Intact - Fair | Blue | Classroom B4 | Negative | 0.1 | 1 | 2 | 0.2 |
| 154 | Wall | Drywall | B | Intact - Fair | Blue | Classroom B4 | Negative | 0.2 | 1 | 2 | 0.2 |
| **155** | **Wall** | **Metal** | **C** | **Intact - Fair** | **Blue** | **Classroom B4** | **Positive** | **2.5** | **1** | **2** | **0.2** |
| 156 | Wall | Brick | C | Intact - Fair | White | Classroom B4 | Negative | 0.1 | 1 | 2 | 0.2 |
| 157 | Wall | Brick | D | Intact - Fair | White | Classroom B4 | Negative | 0 | 1 | 2 | 0.2 |
| 158 | Wall | Drywall | D | Intact - Fair | White | Classroom B5 | Negative | 0.3 | 1 | 2 | 0.2 |
| 159 | Wall | Metal | C | Intact - Fair | Pink | Classroom B5 | Negative | 0.1 | 1 | 2 | 0.2 |
| 160 | Wall | Wood | A | Intact - Fair | Blue | Classroom B5 | Negative | 0.1 | 1 | 2 | 0.2 |
| 161 | Door Jamb/Casing | Metal | A | Intact - Fair | Blue | Classroom B5 | Negative | 0.6 | 1 | 2 | 0.2 |
| 162 | Door | Wood | A | Intact - Fair | Blue | Classroom B5 | Negative | 0 | 1 | 2 | 0.2 |
| 163 | Door | Wood | A | Intact - Fair | Blue | Classroom B6 | Negative | 0 | 1 | 2 | 0.2 |
| 164 | Door Jamb/Casing | Metal | A | Intact - Fair | Blue | Classroom B6 | Negative | 0.7 | 1 | 3 | 0.2 |
| 165 | Wall | Wood | A | Intact - Fair | Blue | Classroom B6 | Negative | 0.1 | 1 | 2 | 0.2 |
| 166 | Wall | Brick | A | Intact - Fair | White | Classroom B6 | Negative | 0.5 | 1 | 2 | 0.2 |
| 167 | Wall | Brick | C | Intact - Fair | White | Classroom B6 | Negative | 0.2 | 1 | 2 | 0.2 |
| 168 | Wall | Drywall | B | Intact - Fair | White | Classroom B6 | Negative | 0.1 | 1 | 2 | 0.2 |
| 169 | Wall | Brick | D | Intact - Fair | Blue | Classroom B6 | Negative | 0.1 | 1 | 2 | 0.2 |
| 170 | Wall | Brick | A | Intact - Fair | White | Classroom B6 | Negative | 0.5 | 1 | 2 | 0.2 |
| 171 | Door | Wood | B | Intact - Fair | Gray | Classroom B6 | Negative | 0.1 | 1 | 2 | 0.2 |
| 172 | Door Jamb/Casing | Metal | B | Intact - Fair | Gray | Classroom B6 | Negative | 0.1 | 1 | 2 | 0.2 |
| 173 | Door Jamb/Casing | Metal | D | Intact - Fair | White | Classroom B7 | Negative | 0.2 | 1 | 2 | 0.2 |

# XRF Analysis Data

| Reading No | COMPONENT | SUBSTRATE | SIDE | CONDITION | COLOR | ROOM | Results | mgcm2 | Action Level | Nom Secs | 3 SD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 174 | Door | Wood | D | Intact - Fair | Pink | Classroom B7 | Negative | 0 | 1 | 2 | 0.2 |
| **175** | **Wall** | **Metal** | **C** | **Intact - Fair** | **Pink** | **Classroom B7** | **Positive** | **2.6** | **1** | **2** | **0.2** |
| 176 | Wall | Drywall | D | Intact - Fair | White | Classroom B7 | Negative | 0.3 | 1 | 2 | 0.2 |
| 177 | Wall | Drywall | B | Intact - Fair | White | Classroom B7 | Negative | 0.2 | 1 | 2 | 0.2 |
| 178 | Wall | Wood | A | Intact - Fair | Blue | Classroom B7 | Negative | 0.1 | 1 | 2 | 0.2 |
| 179 | Door | Wood | A | Intact - Fair | Blue | Classroom B7 | Negative | 0 | 1 | 2 | 0.2 |
| 180 | Door Jamb/Casing | Metal | A | Intact - Fair | Blue | Classroom B7 | Negative | 0.8 | 1 | 4 | 0.1 |
| 181 | Door Jamb/Casing | Metal | A | Intact - Fair | Blue | Classroom B8 | Negative | 0.6 | 1 | 2 | 0.2 |
| 182 | Door | Wood | A | Intact - Fair | Blue | Classroom B8 | Negative | 0 | 1 | 2 | 0.2 |
| 183 | Wall | Wood | A | Intact - Fair | Blue | Classroom B8 | Negative | 0.1 | 1 | 2 | 0.2 |
| 184 | Wall | Wood | B | Intact - Fair | White | Classroom B8 | Negative | 0 | 1 | 2 | 0.2 |
| 185 | Wall | Brick | A | Intact - Fair | White | Classroom B8 | Negative | 0 | 1 | 2 | 0.2 |
| 186 | Wall | Metal | A | Intact - Fair | White | Classroom B8 | Negative | 0.1 | 1 | 2 | 0.2 |
| 187 | Wall | Metal | D | Intact - Fair | Blue | Classroom B8 | Negative | 0 | 1 | 2 | 0.2 |
| 188 | Wall | Brick | A | Intact - Fair | White | Classroom B8 | Negative | 0 | 1 | 2 | 0.2 |
| **189** | **Wall** | **Ceramic Tile** | **B** | **Intact - Fair** | **Pink** | **B Building Boys Restroom** | **Positive** | **1.3** | **1** | **2** | **0.2** |
| **190** | **Wall** | **Ceramic Tile** | **B** | **Intact - Fair** | **Red** | **B Building Boys Restroom** | **Positive** | **1.2** | **1** | **4** | **0.2** |
| **191** | **Wall** | **Ceramic Tile** | **C** | **Intact - Fair** | **Red** | **B Building Boys Restroom** | **Positive** | **1.2** | **1** | **4** | **0.2** |
| **192** | **Wall** | **Ceramic Tile** | **C** | **Intact - Fair** | **Pink** | **B Building Boys Restroom** | **Positive** | **1.3** | **1** | **3** | **0.2** |
| 193 | Wall | Ceramic Tile | D | Intact - Fair | Pink | B Building Boys Restroom | Negative | 0.1 | 1 | 2 | 0.2 |
| 194 | Wall | Ceramic Tile | D | Intact - Fair | Red | B Building Boys Restroom | Negative | 0 | 1 | 2 | 0.2 |
| **195** | **Wall** | **Ceramic Tile** | **A** | **Intact - Fair** | **Red** | **B Building Boys Restroom** | **Positive** | **1.5** | **1** | **2** | **0.2** |
| **196** | **Wall** | **Ceramic Tile** | **A** | **Intact - Fair** | **Pink** | **B Building Boys Restroom** | **Positive** | **1.4** | **1** | **2** | **0.2** |
| 197 | Floor | Ceramic Tile | Floor | Intact - Fair | Gray | B Building Boys Restroom | Negative | 0 | 1 | 2 | 0.2 |
| 198 | Wall | Drywall | C | Intact - Fair | White | B Building Boys Restroom | Negative | 0.3 | 1 | 2 | 0.2 |
| 199 | Wall | Drywall | D | Intact - Fair | White | B Building Boys Restroom | Negative | 0.3 | 1 | 2 | 0.2 |
| 200 | Ceiling | Drywall | Ceilng | Intact - Fair | White | B Building Boys Restroom | Negative | 0 | 1 | 2 | 0.2 |
| 201 | Wall | Wood | A | Intact - Fair | Blue | B Building Boys Restroom | Negative | 0 | 1 | 2 | 0.2 |
| 202 | Door Jamb/Casing | Metal | A | Intact - Fair | Blue | B Building Boys Restroom | Negative | 0 | 1 | 2 | 0.2 |
| 203 | Door | Wood | A | Intact - Fair | Blue | B Building Boys Restroom | Negative | 0 | 1 | 2 | 0.2 |
| 204 | Door | Wood | A | Intact - Fair | White | Admin Principals Office | Negative | 0.1 | 1 | 2 | 0.2 |
| 205 | Door Jamb/Casing | Wood | A | Intact - Fair | White | Admin Principals Office | Negative | 0.2 | 1 | 2 | 0.2 |
| 206 | Wall | Drywall | A | Intact - Fair | Blue | Admin Principals Office | Negative | 0.1 | 1 | 2 | 0.2 |
| 207 | Wall | Wood | D | Intact - Fair | Blue | Admin Principals Office | Negative | 0.1 | 1 | 2 | 0.2 |
| 208 | Wall | Drywall | D | Intact - Fair | White | Admin Mailbox Area | Negative | 0 | 1 | 2 | 0.2 |

# XRF Analysis Data

| Reading No | COMPONENT | SUBSTRATE | SIDE | CONDITION | COLOR | ROOM | Results | mgcm2 | Action Level | Nom Secs | 3 SD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 209 | Wall | Drywall | B | Intact - Fair | White | Admin Mailbox Area | Negative | 0 | 1 | 2 | 0.2 |
| 210 | Wall | Metal | A | Intact - Fair | Pink | Admin Mailbox Area | Negative | 0.2 | 1 | 2 | 0.2 |
| 211 | Wall | Metal | A | Intact - Fair | White | Admin Reception | Negative | 0.1 | 1 | 2 | 0.2 |
| 212 | Wall | Metal | C | Intact - Fair | White | Admin Reception | Negative | 0.1 | 1 | 2 | 0.2 |
| 213 | Wall | Wood | B | Intact - Fair | Blue | Admin Reception | Negative | 0.1 | 1 | 2 | 0.2 |
| 214 | Wall | Wood | D | Intact - Fair | White | Admin Reception | Negative | 0.4 | 1 | 2 | 0.2 |
| 215 | Wall | Brick | C | Intact - Fair | White | Admin Reception | Negative | 0.5 | 1 | 2 | 0.2 |
| 216 | Wall | Brick | C | Intact - Fair | White | Admin Office | Negative | 0.5 | 1 | 2 | 0.2 |
| 217 | Wall | Drywall | C | Intact - Fair | White | Admin Office | Negative | 0.1 | 1 | 2 | 0.2 |
| 218 | Wall | Drywall | B | Intact - Fair | White | Admin Office | Negative | 0 | 1 | 2 | 0.2 |
| 219 | Wall | Drywall | A | Intact - Fair | White | Admin Office | Negative | 0.4 | 1 | 2 | 0.2 |
| 220 | Wall | Metal | D | Intact - Fair | White | Admin Office | Negative | 0.1 | 1 | 2 | 0.2 |
| 221 | Door Jamb/Casing | Wood | A | Intact - Fair | White | Admin Office | Negative | 0.5 | 1 | 2 | 0.2 |
| 222 | Door Jamb/Casing | Metal | A | Intact - Fair | White | Admin Nurse Office | Negative | 0.2 | 1 | 2 | 0.2 |
| 223 | Wall | Metal | C | Intact - Fair | Pink | Admin Nurse Office | Negative | 0.1 | 1 | 2 | 0.2 |
| 224 | Wall | Metal | D | Intact - Fair | Pink | Admin Nurse Office | Negative | 0.1 | 1 | 2 | 0.2 |
| 225 | Wall | Concrete | D | Intact - Fair | Pink | Admin Nurse Office | Negative | 0.1 | 1 | 2 | 0.2 |
| 226 | Wall | Drywall | A | Intact - Fair | Pink | Admin Nurse Office | Negative | 0.1 | 1 | 2 | 0.2 |
| 227 | Wall | Ceramic Tile | A | Intact - Fair | Pink | Admin Nurse Office | Negative | 0.3 | 1 | 2 | 0.2 |
| 228 | Wall | Ceramic Tile | B | Intact - Fair | Pink | Admin Nurse Restroom | Negative | 0.3 | 1 | 2 | 0.2 |
| 229 | Wall | Ceramic Tile | C | Intact - Fair | Pink | Admin Nurse Restroom | Negative | 0.4 | 1 | 2 | 0.2 |
| 230 | Wall | Ceramic Tile | D | Intact - Fair | Pink | Admin Nurse Restroom | Negative | 0 | 1 | 2 | 0.2 |
| 231 | Wall | Ceramic Tile | A | Intact - Fair | Red | Admin Nurse Restroom | Negative | 0.2 | 1 | 2 | 0.2 |
| 232 | Wall | Ceramic Tile | B | Intact - Fair | Red | Admin Nurse Restroom | Negative | 0.1 | 1 | 2 | 0.2 |
| 233 | Wall | Ceramic Tile | C | Intact - Fair | Red | Admin Nurse Restroom | Negative | 0.2 | 1 | 2 | 0.2 |
| 234 | Wall | Ceramic Tile | D | Intact - Fair | Red | Admin Nurse Restroom | Negative | 0.2 | 1 | 2 | 0.2 |
| 235 | Floor | Ceramic Tile | Floor | Intact - Fair | Gray | Admin Nurse Restroom | Negative | 0 | 1 | 2 | 0.2 |
| 236 | Ceiling | Drywall | Ceilng | Intact - Fair | Gray | Admin Nurse Restroom | Negative | 0.1 | 1 | 2 | 0.2 |
| 237 | Ceiling | Drywall | Ceilng | Intact - Fair | Gray | Admin Nurse Restroom | Negative | 0 | 1 | 2 | 0.2 |
| 238 | Wall | Drywall | A | Intact - Fair | Gray | Admin Nurse Restroom | Negative | 0.1 | 1 | 2 | 0.2 |
| **239** | **Wall** | **Ceramic Tile** | **A** | **Intact - Fair** | **Pink** | **Admin Nurse Restroom** | **Positive** | **11.6** | **1** | **2** | **0.2** |
| **240** | **Wall** | **Ceramic Tile** | **B** | **Intact - Fair** | **Pink** | **Admin Nurse Restroom** | **Positive** | **12** | **1** | **2** | **0.2** |
| **241** | **Wall** | **Ceramic Tile** | **C** | **Intact - Fair** | **Pink** | **Admin Nurse Restroom** | **Positive** | **11.5** | **1** | **2** | **0.2** |
| **242** | **Wall** | **Ceramic Tile** | **D** | **Intact - Fair** | **Pink** | **Admin Nurse Restroom** | **Positive** | **11.5** | **1** | **2** | **0.2** |
| 243 | Wall | Drywall | D | Intact - Fair | White | Admin Nurse Restroom | Negative | 0.1 | 1 | 2 | 0.2 |
| 244 | Wall | Drywall | C | Intact - Fair | White | Admin Nurse Restroom | Negative | 0.2 | 1 | 2 | 0.2 |

# XRF Analysis Data

| Reading No | COMPONENT | SUBSTRATE | SIDE | CONDITION | COLOR | ROOM | Results | mgcm2 | Action Level | Nom Secs | 3 SD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 245 | Wall | Drywall | B | Intact - Fair | White | Admin Nurse Restroom | Negative | 0.3 | 1 | 2 | 0.2 |
| 246 | Wall | Drywall | A | Intact - Fair | White | Admin Nurse Restroom | Negative | 0.3 | 1 | 2 | 0.2 |
| 247 | Door Jamb/Casing | Wood | A | Intact - Fair | Gray | Admin Nurse Restroom | Negative | 0.5 | 1 | 2 | 0.2 |
| 248 | Door | Wood | A | Intact - Fair | Gray | Admin Nurse Restroom | Negative | 0.1 | 1 | 2 | 0.2 |
| 249 | Calibrate - Back | | | | | | Negative | 0.9 | 1 | 5 | 0.1 |
| 250 | Calibrate - Back | | | | | | Positive | 1 | 1 | 5 | 0.1 |
| 251 | Calibrate - Back | | | | | | Negative | 0.9 | 1 | 5 | 0.1 |
| 252 | Calibrate - Front | | | | | | Positive | 1 | 1 | 5 | 0.1 |
| 253 | Calibrate - Front | | | | | | Positive | 1 | 1 | 5 | 0.1 |
| 254 | Calibrate - Front | | | | | | Positive | 1 | 1 | 5 | 0.1 |
| 255 | Cover | Stucco | Ceilng | Intact - Fair | White | Covered Walkway | Negative | 0.4 | 1 | 2 | 0.2 |
| 256 | Fascia | Wood | Ceilng | Intact - Fair | Gray | Covered Walkway | Negative | 0 | 1 | 2 | 0.2 |
| **257** | **Support Post** | **Metal** | **Center** | **Intact - Fair** | **Blue** | **Covered Walkway** | **Positive** | **2.6** | **1** | **2** | **0.2** |
| 258 | Wall | Wood | C | Intact - Fair | Blue | Exterior Admin Building | Negative | 0.2 | 1 | 2 | 0.2 |
| 259 | Wall | Metal | C | Intact - Fair | Blue | Exterior Admin Building | Negative | 0 | 1 | 2 | 0.2 |
| 260 | Door | Wood | C | Intact - Fair | Blue | Exterior Admin Building | Negative | 0 | 1 | 2 | 0.2 |
| 261 | Wall | Wood | C | Intact - Fair | Blue | Exterior Admin Building | Negative | 0.1 | 1 | 2 | 0.2 |
| 262 | Door | Wood | D | Intact - Fair | Blue | Exterior Admin Building | Negative | 0.1 | 1 | 2 | 0.2 |
| 263 | Door Jamb/Casing | Metal | D | Intact - Fair | Blue | Exterior Admin Building | Negative | 0.9 | 1 | 5 | 0.1 |
| 264 | Wall | Stucco | D | Intact - Fair | Red | Exterior Admin Building | Negative | 0 | 1 | 2 | 0.2 |
| 265 | Wall | Stucco | D | Intact - Fair | White | Exterior Admin Building | Negative | 0.2 | 1 | 2 | 0.2 |
| 266 | Wall | Metal | D | Intact - Fair | Blue | Exterior Admin Building | Negative | 0.1 | 1 | 2 | 0.2 |
| 267 | Door | Wood | C | Intact - Fair | Blue | Exterior K1-K2 Building | Negative | 0.1 | 1 | 2 | 0.2 |
| 268 | Door Jamb/Casing | Metal | C | Intact - Fair | Blue | Exterior K1-K2 Building | Negative | 0.6 | 1 | 2 | 0.2 |
| 269 | Door Jamb/Casing | Metal | A | Intact - Fair | Blue | Exterior K1-K2 Building | Negative | 0.5 | 1 | 2 | 0.2 |
| 270 | Door | Wood | A | Intact - Fair | Blue | Exterior K1-K2 Building | Negative | 0.1 | 1 | 2 | 0.2 |
| 271 | Wall | Metal | A | Intact - Fair | Blue | Exterior K1-K2 Building | Negative | 0.1 | 1 | 2 | 0.2 |
| 272 | Wall | Stucco | A | Intact - Fair | White | Exterior K1-K2 Building | Negative | 0.3 | 1 | 2 | 0.2 |
| 273 | Cover | Metal | A | Intact - Fair | Gray | Exterior K1-K2 Building | Negative | 0 | 1 | 2 | 0.2 |
| 274 | Drinking Fountain | Ceramic Tile | A | Intact - Fair | White | Exterior K1-K2 Building | Negative | 0 | 1 | 2 | 0.2 |
| 275 | Cover | Stucco | C | Intact - Fair | White | Exterior K1-K2 Building | Negative | 0 | 1 | 2 | 0.2 |
| 276 | Fascia | Wood | C | Intact - Fair | Gray | Exterior K1-K2 Building | Negative | 0.1 | 1 | 2 | 0.2 |
| 277 | Wall | Metal | C | Intact - Fair | Blue | Exterior A1-A3 Building | Negative | 0.1 | 1 | 2 | 0.2 |
| 278 | Wall | Stucco | C | Intact - Fair | White | Exterior A1-A3 Building | Negative | 0 | 1 | 2 | 0.2 |
| 279 | Beam | Metal | C | Intact - Fair | Gray | Exterior A1-A3 Building | Negative | 0.1 | 1 | 2 | 0.2 |
| 280 | Door | Wood | B | Intact - Fair | Blue | Exterior A1-A3 Building | Negative | 0 | 1 | 2 | 0.2 |

# XRF Analysis Data

| Reading No | COMPONENT | SUBSTRATE | SIDE | CONDITION | COLOR | ROOM | Results | mgcm2 | Action Level | Nom Secs | 3 SD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 281 | Door Jamb/Casing | Metal | B | Intact - Fair | Blue | Exterior A1-A3 Building | Negative | 0.8 | 1 | 5 | 0.1 |
| 282 | Wall | Wood | B | Intact - Fair | Blue | Exterior A1-A3 Building | Negative | 0.2 | 1 | 2 | 0.2 |
| 283 | Wall | Wood | A | Intact - Fair | Blue | Exterior A1-A3 Building | Negative | 0.2 | 1 | 2 | 0.2 |
| 284 | Wall | Wood | A | Intact - Fair | Blue | Exterior A4-A5 Building | Negative | 0.2 | 1 | 2 | 0.2 |
| 285 | Door | Wood | A | Intact - Fair | Blue | Exterior A4-A5 Building | Negative | 0 | 1 | 2 | 0.2 |
| 286 | Door Jamb/Casing | Metal | A | Intact - Fair | Blue | Exterior A4-A5 Building | Negative | 0.7 | 1 | 2 | 0.2 |
| **287** | **Door Jamb/Casing** | **Metal** | **C** | **Intact - Fair** | **Blue** | **Exterior A4-A5 Building** | **Positive** | **2.4** | **1** | **2** | **0.2** |
| 288 | Drinking Fountain | Ceramic Tile | D | Intact - Fair | White | Exterior A4-A5 Building | Negative | 0.4 | 1 | 2 | 0.2 |
| 289 | Downspout | Metal | B | Intact - Fair | Red | Exterior A4-A5 Building | Negative | 0.1 | 1 | 2 | 0.2 |
| 290 | Cover | Stucco | A | Intact - Fair | White | Exterior A4-A5 Building | Negative | 0 | 1 | 2 | 0.2 |
| 291 | Fascia | Wood | A | Intact - Fair | Gray | Exterior A4-A5 Building | Negative | 0 | 1 | 2 | 0.2 |
| 292 | Fascia | Wood | A | Intact - Fair | Gray | Exterior A6-A8 Building | Negative | 0 | 1 | 2 | 0.2 |
| 293 | Cover | Stucco | A | Intact - Fair | Gray | Exterior A6-A8 Building | Negative | 0 | 1 | 2 | 0.2 |
| 294 | Door | Wood | A | Intact - Fair | Blue | Exterior A6-A8 Building | Negative | 0.1 | 1 | 2 | 0.2 |
| 295 | Wall | Wood | A | Intact - Fair | Blue | Exterior A6-A8 Building | Negative | 0 | 1 | 2 | 0.2 |
| 296 | Door Jamb/Casing | Metal | A | Intact - Fair | Blue | Exterior A6-A8 Building | Negative | 0.5 | 1 | 2 | 0.2 |
| 297 | Wall | Metal | C | Intact - Fair | Blue | Exterior A6-A8 Building | Negative | 0.1 | 1 | 2 | 0.2 |
| 298 | Beam | Metal | C | Intact - Fair | Gray | Exterior A6-A8 Building | Negative | 0 | 1 | 2 | 0.2 |
| 299 | Beam | Metal | C | Intact - Fair | Gray | Exterior Library Building | Negative | 0.1 | 1 | 2 | 0.2 |
| 300 | Wall | Metal | C | Intact - Fair | Blue | Exterior Library Building | Negative | 0.9 | 1 | 5 | 0.1 |
| 301 | Door | Wood | C | Intact - Fair | Blue | Exterior Library Building | Negative | 0.2 | 1 | 2 | 0.2 |
| 302 | Door Jamb/Casing | Metal | C | Intact - Fair | Blue | Exterior Library Building | Negative | 0.7 | 1 | 2 | 0.2 |
| 303 | Wall | Wood | A | Intact - Fair | Blue | Exterior Library Building | Negative | 0.1 | 1 | 2 | 0.2 |
| 304 | Door | Wood | A | Intact - Fair | Blue | Exterior Library Building | Negative | 0 | 1 | 2 | 0.2 |
| 305 | Door Jamb/Casing | Metal | A | Intact - Fair | Blue | Exterior Library Building | Negative | 0.6 | 1 | 2 | 0.2 |
| 306 | Wall | Ceramic Tile | A | Intact - Fair | White | Exterior Library Building | Negative | 0 | 1 | 2 | 0.2 |
| 307 | Cover | Stucco | A | Intact - Fair | White | Exterior Library Building | Negative | 0 | 1 | 2 | 0.2 |
| 308 | Fascia | Wood | A | Intact - Fair | Gray | Exterior Library Building | Negative | 0 | 1 | 2 | 0.2 |
| **309** | **Support Post** | **Metal** | **A** | **Intact - Fair** | **Blue** | **Exterior Library Building** | **Positive** | **2.9** | **1** | **2** | **0.2** |
| 310 | Wall | Wood | A | Intact - Fair | Blue | Exterior B6-B8 Building | Negative | 0.2 | 1 | 2 | 0.2 |
| 311 | Door | Wood | A | Intact - Fair | Blue | Exterior B6-B8 Building | Negative | 0.1 | 1 | 2 | 0.2 |
| 312 | Door Jamb/Casing | Metal | A | Intact - Fair | Blue | Exterior B6-B8 Building | Negative | 0.7 | 1 | 2 | 0.2 |
| 313 | Wall | Metal | C | Intact - Fair | Blue | Exterior B6-B8 Building | Negative | 0 | 1 | 2 | 0.2 |
| 314 | Beam | Metal | C | Intact - Fair | Gray | Exterior B6-B8 Building | Negative | 0.1 | 1 | 2 | 0.2 |
| 315 | Wall | Stucco | D | Intact - Fair | Red | Exterior B6-B8 Building | Negative | 0 | 1 | 2 | 0.2 |
| 316 | Pipe | Stucco | D | Intact - Fair | Red | Exterior B4-B5 Building | Negative | 0 | 1 | 2 | 0.2 |

# XRF Analysis Data

| Reading No | COMPONENT | SUBSTRATE | SIDE | CONDITION | COLOR | ROOM | Results | mgcm2 | Action Level | Nom Secs | 3 SD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 317 | Wall | Stucco | A | Intact - Fair | Blue | Exterior B4-B5 Building | Negative | 0.1 | 1 | 2 | 0.2 |
| 318 | Door | Wood | A | Intact - Fair | Blue | Exterior B4-B5 Building | Negative | 0.1 | 1 | 2 | 0.2 |
| 319 | Door Jamb/Casing | Metal | A | Intact - Fair | Blue | Exterior B4-B5 Building | Negative | 0.5 | 1 | 2 | 0.2 |
| 320 | Wall | Metal | C | Intact - Fair | Blue | Exterior B4-B5 Building | Negative | 0.2 | 1 | 2 | 0.2 |
| 321 | Beam | Metal | C | Intact - Fair | Gray | Exterior B4-B5 Building | Negative | 0.2 | 1 | 2 | 0.2 |
| 322 | Wall | Stucco | C | Intact - Fair | White | Exterior B4-B5 Building | Negative | 0 | 1 | 2 | 0.2 |
| **323** | **Drinking Fountain** | **Ceramic Coated** | **D** | **Intact - Fair** | **White** | **Exterior B4-B5 Building** | **Positive** | **26.9** | **1** | **2** | **0.2** |
| **324** | **Sink** | **Ceramic Coated** | **D** | **Intact - Fair** | **White** | **Exterior Building B JanItors closet** | **Positive** | **5.2** | **1** | **2** | **0.2** |
| 325 | Wall | Wood | A | Intact - Fair | Blue | Covered Walkway | Negative | 0.1 | 1 | 2 | 0.2 |
| 326 | Door | Wood | A | Intact - Fair | Blue | Exterior B1-B3 Building | Negative | 0 | 1 | 2 | 0.2 |
| 327 | Door Jamb/Casing | Metal | A | Intact - Fair | Blue | Exterior B1-B3 Building | Negative | 0.6 | 1 | 2 | 0.2 |
| **328** | **Wall** | **Metal** | **C** | **Intact - Fair** | **Blue** | **Exterior B1-B3 Building** | **Positive** | **2.7** | **1** | **2** | **0.2** |
| 329 | Beam | Metal | C | Intact - Fair | Gray | Exterior B1-B3 Building | Negative | 0.3 | 1 | 2 | 0.2 |
| 330 | Wall | Stucco | C | Intact - Fair | White | Exterior B1-B3 Building | Negative | 0.1 | 1 | 2 | 0.2 |
| 331 | Cover | Stucco | A | Intact - Fair | White | Covered Walkway | Negative | 0 | 1 | 2 | 0.2 |
| 332 | Fascia | Wood | A | Intact - Fair | Gray | Covered Walkway | Negative | 0.1 | 1 | 2 | 0.2 |
| 333 | Calibrate - Back | | | | | | Positive | 1 | 1 | 5 | 0.1 |
| 334 | Calibrate - Back | | | | | | Negative | 0.9 | 1 | 5 | 0.1 |
| 335 | Calibrate - Back | | | | | | Negative | 0.9 | 1 | 5 | 0.1 |

* **FIRST 3, MIDDLE 6, AND LAST 3 READINGS ARE CALIBRATION CHECKS ONLY**

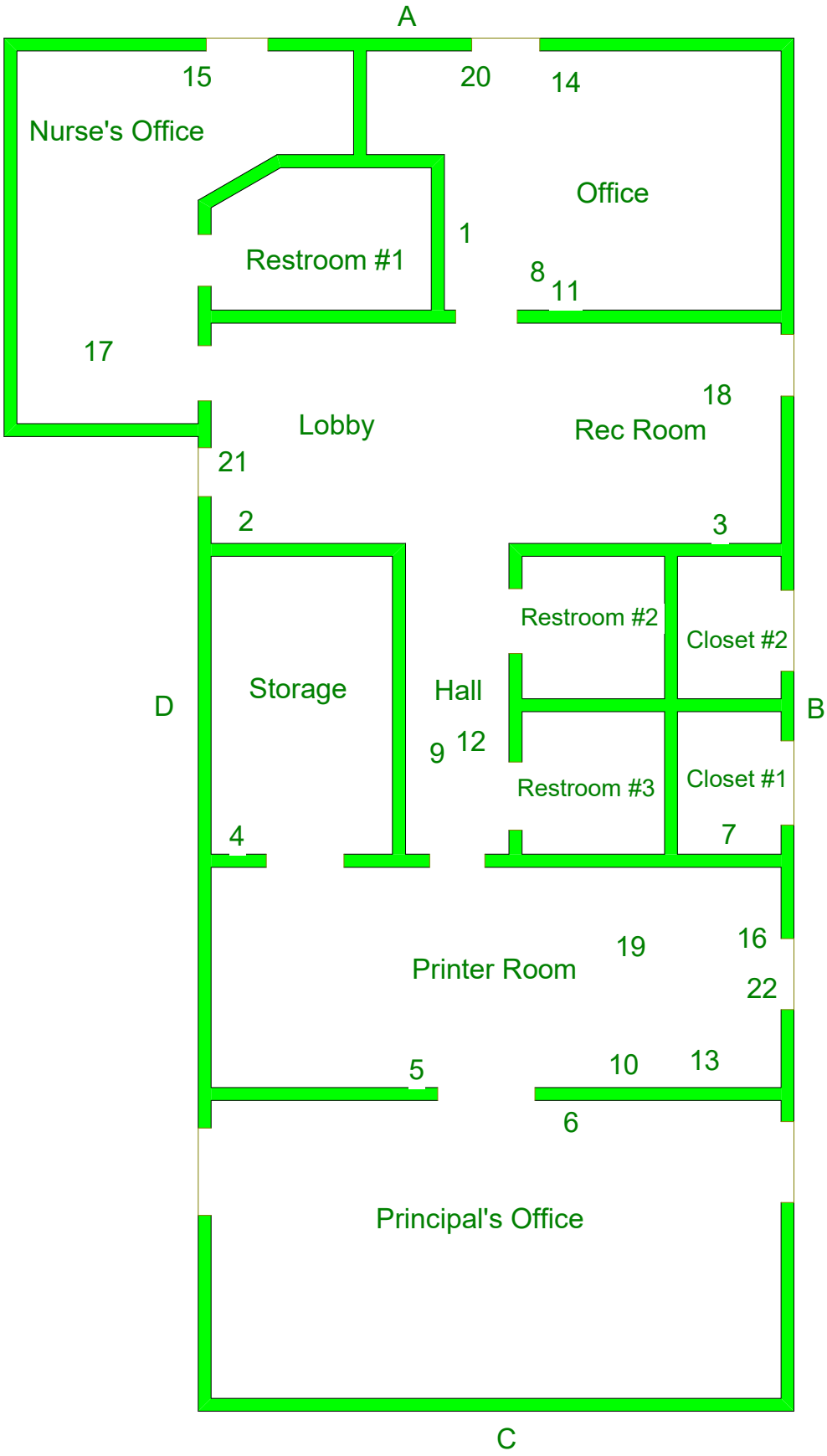
* **BOLD ROW INDICATES COMPONENTS POSITIVE FOR LEAD**

Sequoia Elementary School
5900 Iroquois Road
Westminster, CA 92683

Sample Location Drawing
(Drawing Not to Scale)

Project No: OC164902

Admin Building



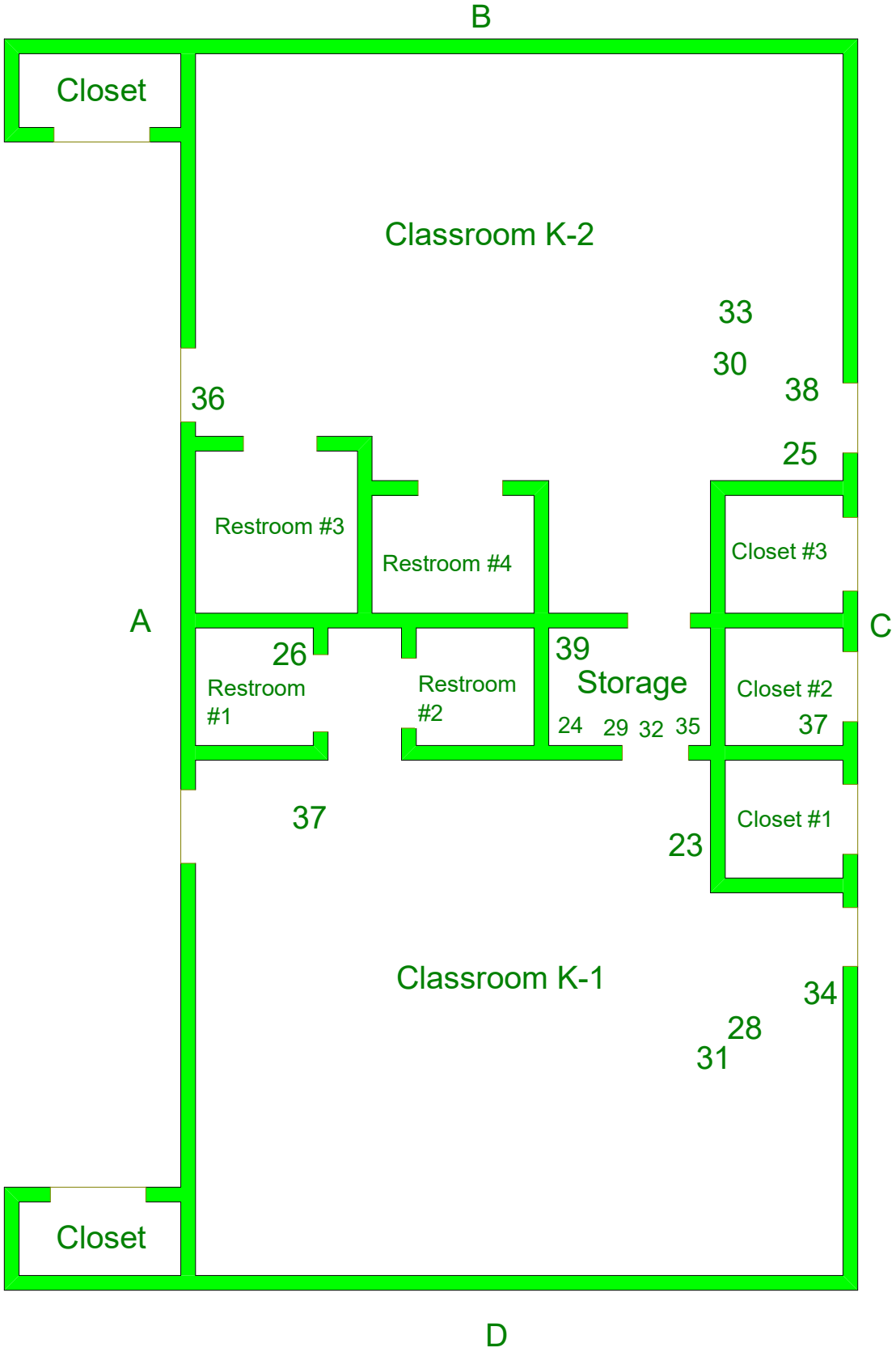

Note: Entries to each room or room equivalent is Side "A" for building interiors. Sides B, C & D proceed clockwise from side A.

Sequoia Elementary School
5900 Iroquois Road
Westminster, CA 92683

Sample Location Drawing
(Drawing Not to Scale)

Project No: OC164902

Building K-1, K-2




Note: Entries to each room or room equivalent is Side "A" for building interiors. Sides B, C & D proceed clockwise from side A.

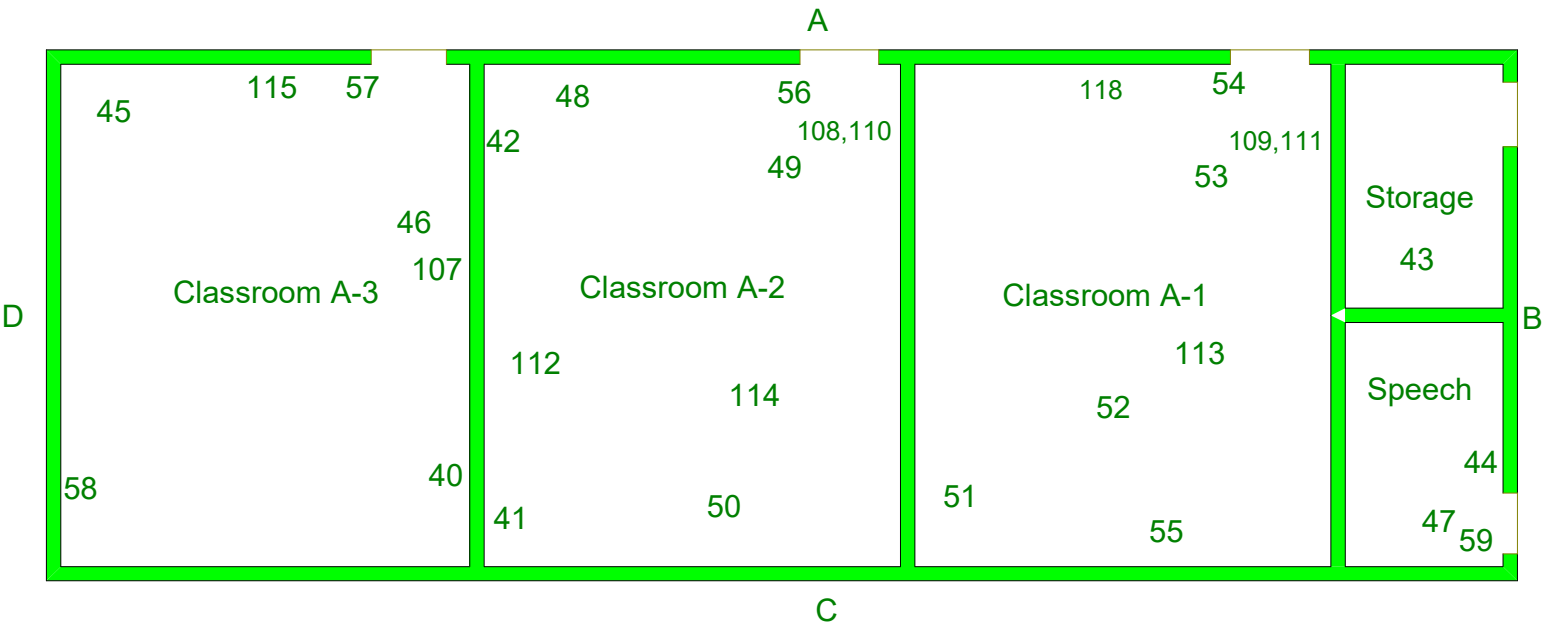
Sequoia Elementary School
5900 Iroquois Road
Westminster, CA 92683

Building A1, A2, A3

Sample Location Drawing

(Drawing Not to Scale)

Project No: OC164902

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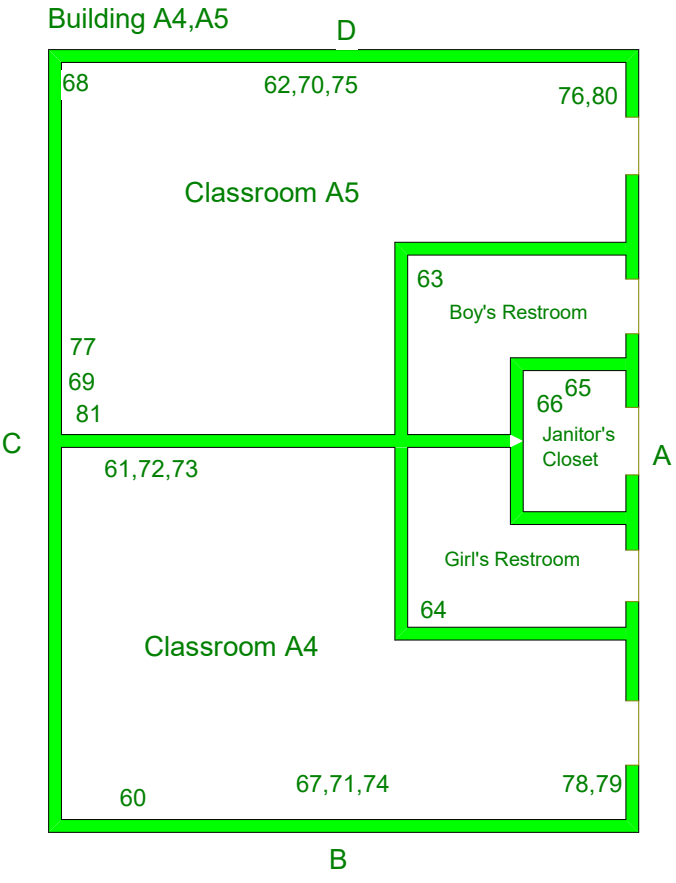
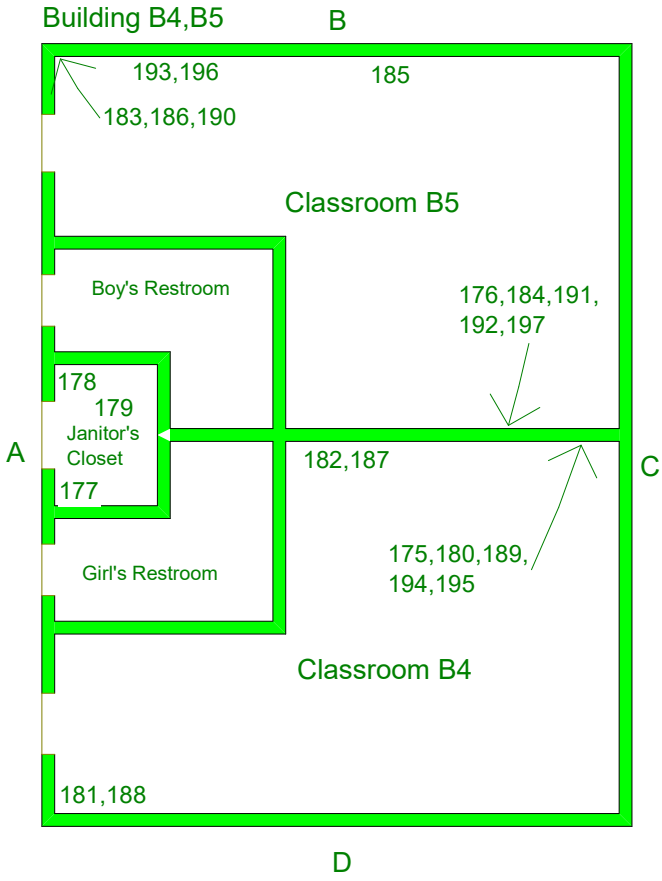
Sequoia Elementary School
5900 Iroquois Road
Westminster, CA 92683

Project No: OC164902

Sample Location Drawing
(Drawing Not to Scale)

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Sequoia Elementary School
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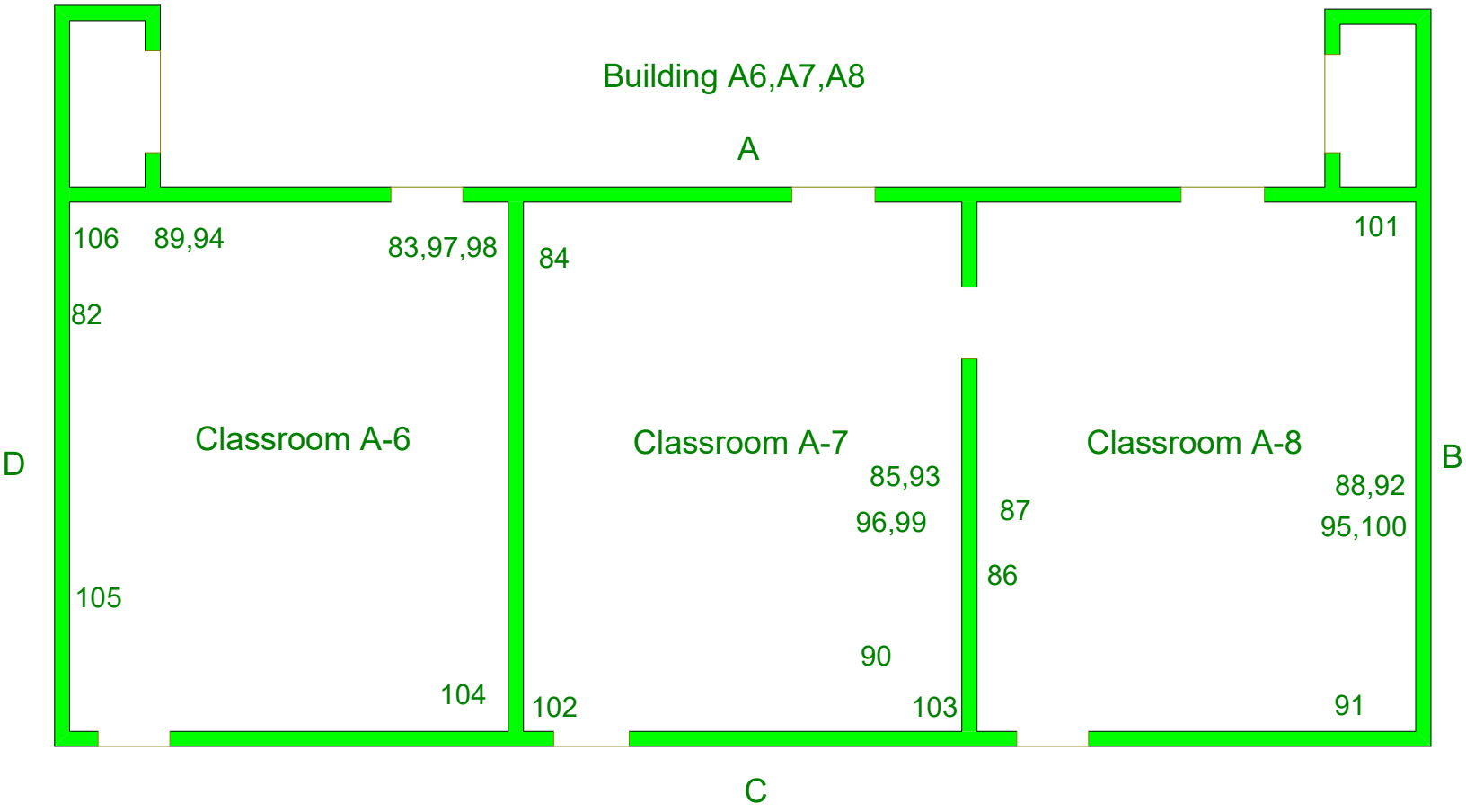
Westminster, CA 92683

Project No: OC164902

Sample Location Drawing
(Drawing Not to Scale)

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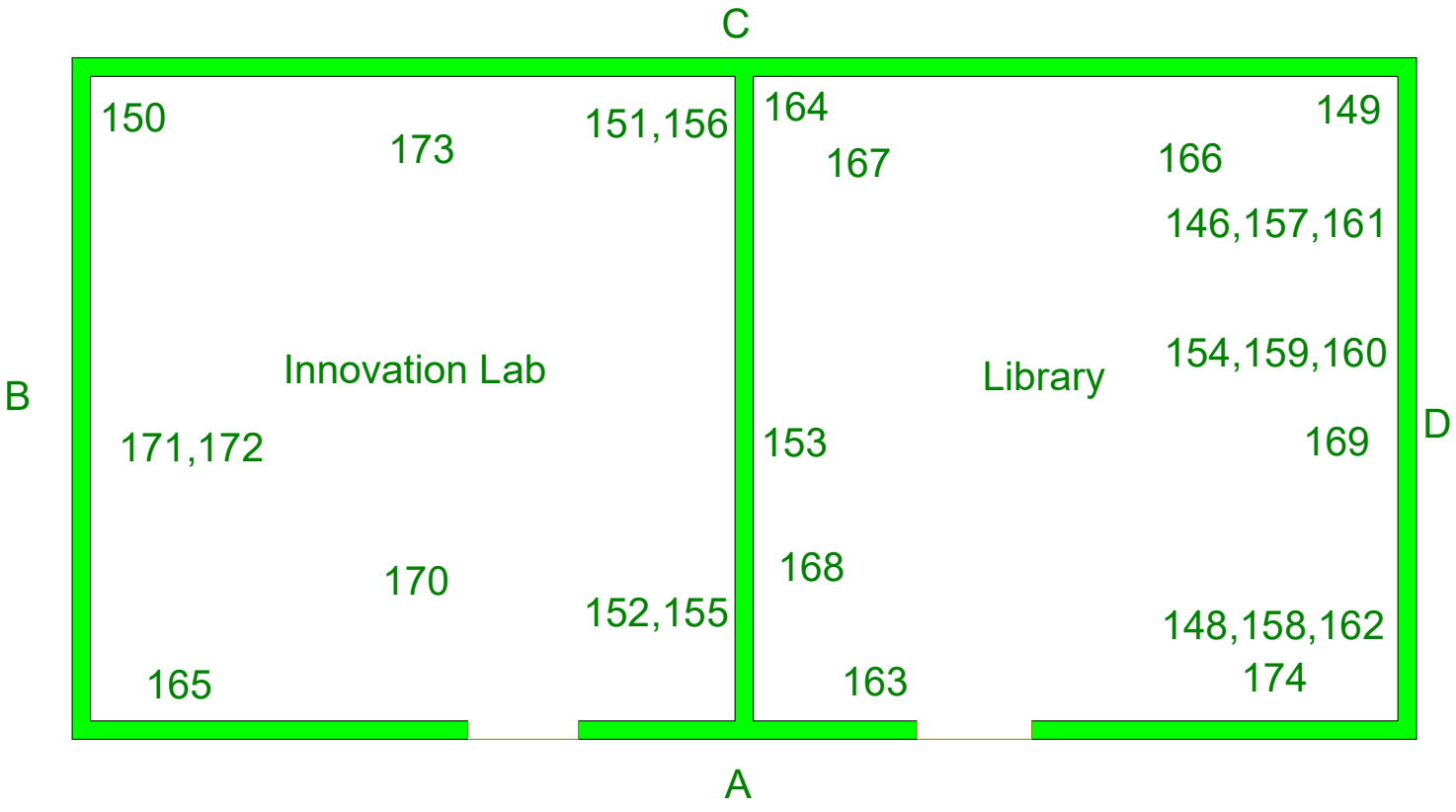
Sequoia Elementary School
5900 Iroquois Road
Westminster, CA 92683

Sample Location Drawing
(Drawing Not to Scale)

Project No: OC164902



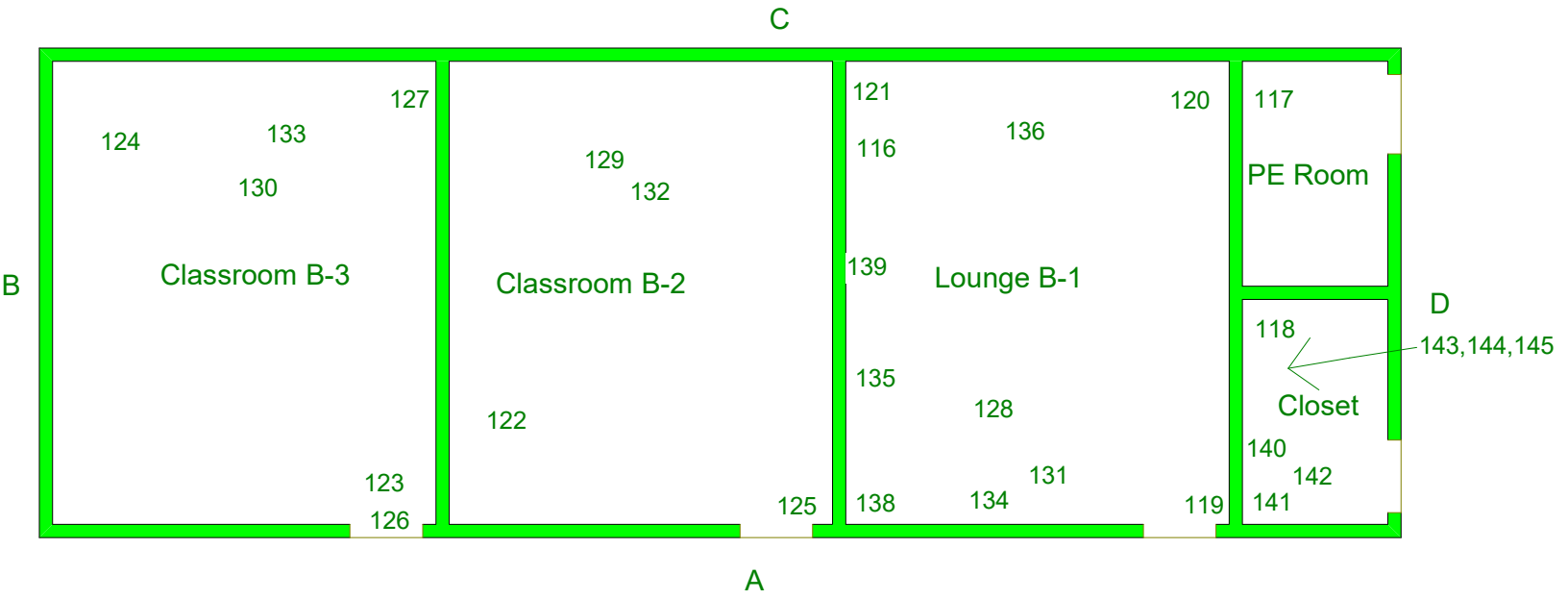

Note: Entries to each room or room equivalent is Side "A" for building interiors. Sides B, C & D proceed clockwise from side A.

Sequoia Elementary School
5900 Iroquois Road
Westminster, CA 92683

Project No: OC164902

Sample Location Drawing
(Drawing Not to Scale)

Building B1,B2,B3




Note: Entries to each room or room equivalent is Side "A" for building interiors.
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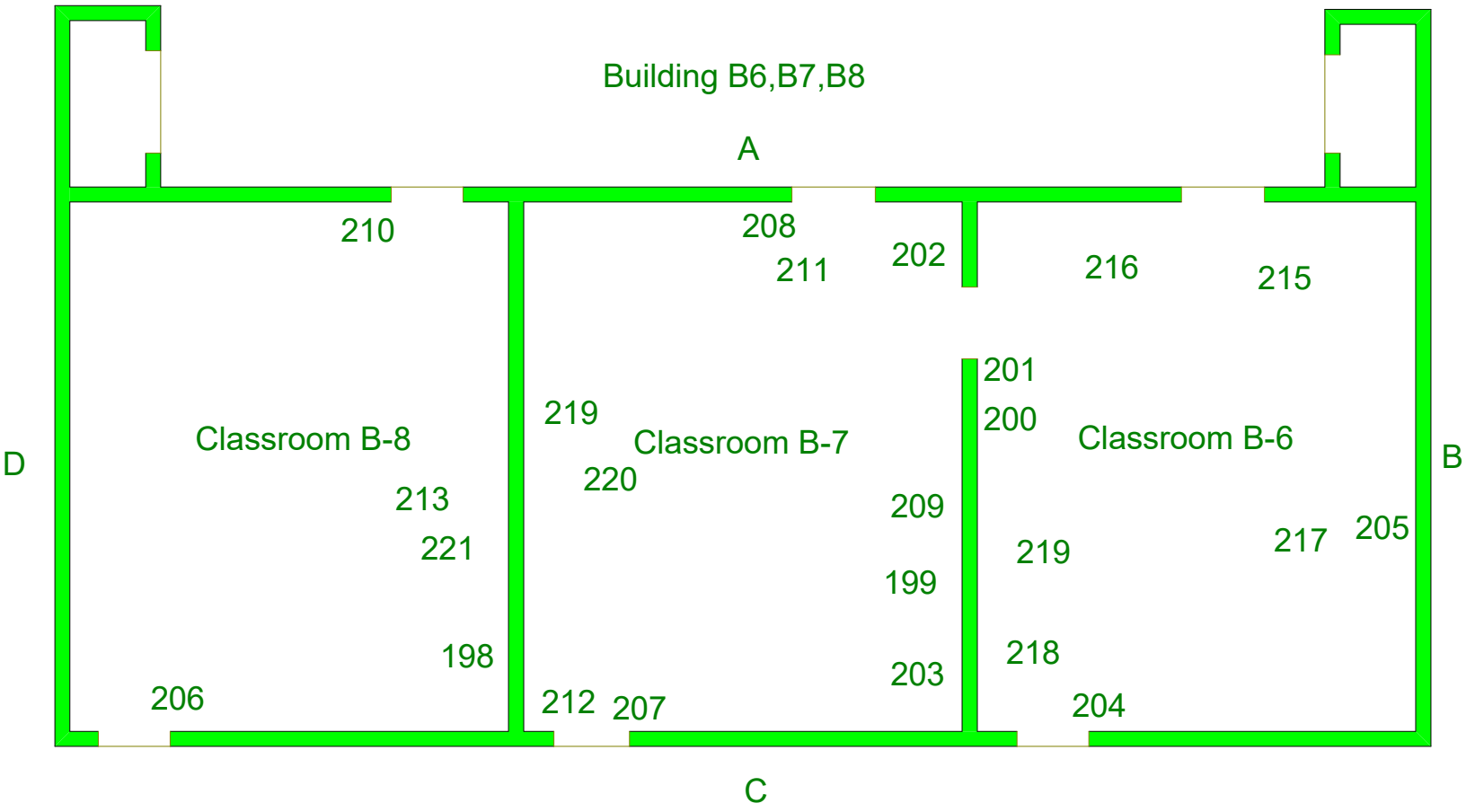
Sequoia Elementary School
5900 Iroquois Road
Westminster, CA 92683

Project No: OC164902

Sample Location Drawing
(Drawing Not to Scale)




Note: Entries to each room or room equivalent is Side "A" for building interiors.
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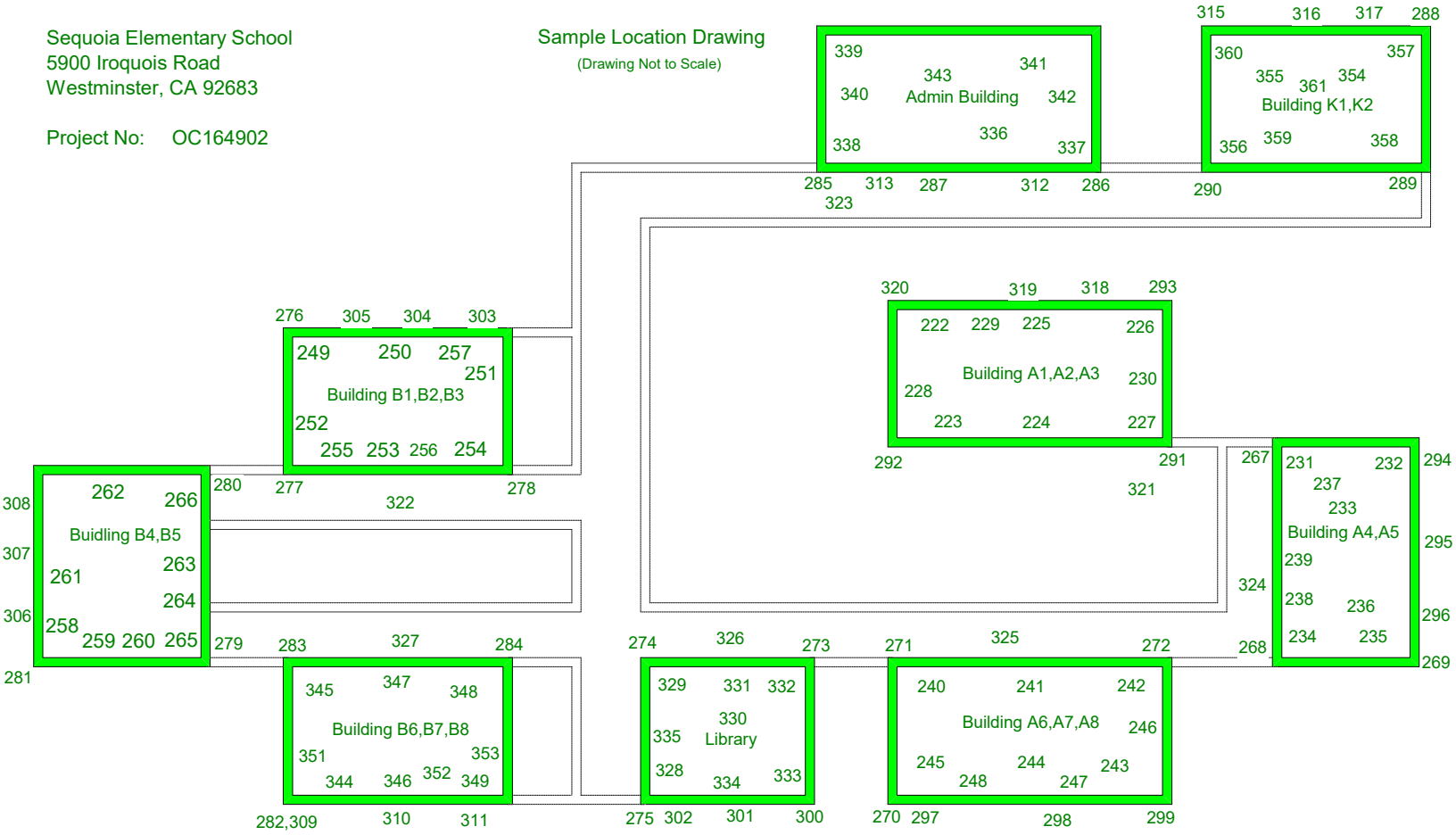
Sequoia Elementary School
5900 Iroquois Road
Westminster, CA 92683

Project No: OC164902

Sample Location Drawing
(Drawing Not to Scale)



California Department of PublicHealth

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

# LEAD-RELATED CONSTRUCTION CERTIFICATE

| INDIVIDUAL: | CERTIFICATE TYPE: | NUMBER: | EXPIRATION DATE: |
|---|---|---|---|
| | Lead Sampling Technician | LRC-00007944 | 2/7/2024 |

**Alejandro Baeza**

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

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

# LEAD-RELATED CONSTRUCTION CERTIFICATE

| INDIVIDUAL: | CERTIFICATE TYPE: | NUMBER: | EXPIRATION DATE: |
|---|---|---|---|
| | Lead Inspector/Assessor | LRC-00002458 | 8/23/2024 |

**Zach Levin**

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

# LEAD HAZARD EVALUATION REPORT

**Section 1 — Date of Lead Hazard Evaluation** 8/21/2023 & 8/22/2023

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

☐ Lead Inspection ☐ Risk assessment ☐ Clearance Inspection ☑ Other (specify) Limited interior and exterior lead inspection

**Section 3 — Structure Where Lead Hazard Evaluation Was Conducted**

| Address [number, street, apartment (if applicable)] | City | County | Zip Code |
|---|---|---|---|
| 5900 Iroquois Road | Westminster | Orange County | 92683 |

| Construction date (year) of structure | Type of structure | Children living in structure? |
|---|---|---|
| Pre-1978 | ☐ Multi-unit building ☑ School or daycare<br>☐ Single family dwelling ☐ Other | ☐ Yes ☐ No<br>☑ Don't Know |

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

| Name | Telephone number |
|---|---|
| Owner's Representative - Brian Johnson of Westminster School District | 714-264-4036 |

| Address [number, street, apartment (if applicable)] | City | State | Zip Code |
|---|---|---|---|
| 14121 Cedarwood Avenue | Westminster | CA | 92683 |

**Section 5 — Results of Lead Hazard Evaluation (check all that apply)**

☐ No lead-based paint detected ☑ Intact lead-based paint detected ☐ Deteriorated lead-based paint detected

☐ No lead hazards detected ☐ Lead-contaminated dust found ☐ Lead-contaminated soil found ☐ Other

**Section 6 — Individual Conducting Lead Hazard Evaluation**

| Name | Telephone number |
|---|---|
| Alejandro Baeza (LRC-00007944) | 714-899-8900 |

| Address [number, street, apartment (if applicable)] | City | State | Zip Code |
|---|---|---|---|
| 1041 S. Placentia Avenue | Fullerton | CA | 92831 |

| CDPH certification number | Signature | Date |
|---|---|---|
| LRC-00002458 | | 9/25/2023 |

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

**Section 7 — Attachments**

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

First copy and attachments retained by inspector

Second copy and attachments retained by owner

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

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

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# Specifications for Asbestos Abatement Work at Sequoia Elementary School 5900 Iroquois Road Westminster, CA 92683

**September 27, 2023**
**Patriot Project No. OC164902**
**PO No. T6000778**

Prepared For
**Westminster School District**
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ASBESTOS ABATEMENT

PART 1 – GENERAL

1.01 SUMMARY

A. Section Includes:

1. Abatement of building and/or structure related Asbestos.

2. Removal of building and/or structure related Asbestos.

**3. Attachment A**.

B. Regulatory Requirements shall include, but not be limited to:

1. U.S. Environmental Protection Agency Regulations for Asbestos (Title 40, Code of Federal Regulations, Part 61, Subparts A & B, and Part 763, Subpart E.)

2. Title 8, Article 4, California Code of Regulations Construction Industry Safety Orders, Section 1529 "Asbestos" or current revised California regulations.

3. South Coast Air Quality Management District (SCAQMD) Rule 1403.

1.02 SECTION DEFINITIONS AND ACRONYMS

A. Abatement – Procedures to control fiber release from Asbestos Containing Materials or Asbestos Containing Construction Materials. Includes Removal, Encapsulation, Enclosures, repair, Demolition, and Renovation activities.

B. AHERA - Asbestos Hazard Emergency Response Act, 40 CFR, Part 763, Subpart E, and subsequent amendments.

C. Air Filtration and Ventilation System - A portable exhaust system, furnished with HEPA filtration, and capable of maintaining a constant air flow into a Regulated Area from adjacent areas and exhausted outside the Regulated Area.

D. Amended Water - Water to which a surfactant (wetting agent) has been added.

E. ANSI - American National Standards Institute

F. Asbestos - Means the asbestoform varieties of chrysotile (Serpentine); crocidolite (Riebecktite); amosite (cummingtonitegrunerite); anthophyllite; tremolite; and actinolite.

G. Asbestos Containing Construction Material (ACCM) – Means any manufactured construction material which contains more than one tenth of one percent (0.1%) Asbestos by weight.

H. Asbestos Containing Material (ACM) – Means any material containing more than one-percent (1%) Asbestos.

I. Asbestos Containing Waste (Non-hazardous) – Non-Friable Asbestos Containing Material including, but not limited to, floor covering, roofing materials and cementitious materials requiring disposal.

J. Asbestos Containing Waste (Hazardous) – Friable Asbestos Containing Materials and Asbestos contaminated objects and debris requiring disposal.

K. ASTM - American Society for Testing and Materials

L. Building ID Number or Code - A six digit alphanumeric identification code assigned to each building on an Owner site, also referred to as the insurance code, ID number or similar terms.

M. Bulk Samples - Samples of building or other materials collected for analysis to determine the presence and quantities of Asbestos.

N. Clean Room - An uncontaminated area or room, which is a part of the worker Decontamination Enclosure System with provisions for storage of worker's street clothes and clean protective equipment.

O. Competent Person - Has the same meaning as defined in the California Code of Regulations Title 8, as it relates to, "Competent Person."

P. Curtained Doorway – A device to allow ingress and egress from one room to another while permitting minimal air movement between the rooms, typically constructed by placing two overlapping sheets of plastic over an exiting or temporarily framed doorway, securing each along the top of the doorway, securing the vertical edge of one sheet along one vertical side of the doorway and securing the vertical edge of the other sheet along the opposite vertical side of the doorway. Other effective designs may be submitted for review.

Q. Decontamination – The process of eliminating Asbestos contamination from building surfaces, objects, and property, by cloths, mops, or other utensils dampened with water and disposed of afterwards as Asbestos contaminated waste.

R. Decontamination Enclosure System – Means an enclosed area, which is adjacent and connected to the Regulated Area, consisting of an Equipment Room, Shower Room, and Clean Room for the Decontamination of workers, materials, and equipment contaminated with Asbestos.

S. Demolition - The wrecking or taking out of any load supporting structural member of a facility together with any related handling operations.

T. DOSH - Division of Occupational Safety & Health or Cal/OSHA

U. DOT – Department of Transportation

V. DTSC – Department of Toxic Substances Control

W. Encapsulating Material - A liquid material applied to Asbestos-containing materials which controls the possible release of Asbestos fibers from the material either by creating a membrane over the surface (bridging agent) or by penetrating into the material and binding its components together (penetrating Encapsulating Material).

X. Encapsulation - The application of an Encapsulating Material to Asbestos Containing Materials to prevent the release of Asbestos fibers into the air.

Y. Enclosure - The construction or application of an airtight, impermeable, permanent barrier around Asbestos-containing material to control the release of Asbestos fibers into the air.

Z. Equipment Decontamination Enclosure System - That portion of a Decontamination Enclosure System designed for controlled transfer of materials and equipment into or out of the Regulated Area.

AA. Hazardous Waste - Means Friable Asbestos generated and prepared for waste disposal. Does not include non-friable material or materials containing less than one-percent Asbestos as determined by the point counting method.

BB. Equipment Room - A room within the worker Decontamination Enclosure System with provisions for storage of used clothing and equipment.

CC. Facility Component – Means any part of a facility including equipment.

DD. Fixed Object - A piece of equipment, furniture, or improvement in the Work area, which cannot be removed from the Work area.

EE. Friable Asbestos - Asbestos Containing Material which, when dry, can be crumbled, pulverized or reduced to a powder by hand pressure or as defined by current regulatory rules and/or regulations.

FF. Glove Bag Technique - A method with limited applications for removing small amounts of Asbestos Containing Material from short piping runs, valves, joints, elbows, and other non-planar surfaces in a Work area. The glove bag assembly is a manufactured or fabricated device consisting of a glove bag (typically constructed of 6 mil transparent polyethylene or polyvinyl chloride plastic), two inward projecting long sleeves gloves, an internal tool pouch, and labeled for Asbestos waste. The glove bag is constructed and installed in such a manner that it surrounds the object or material to be removed and contains all Asbestos fibers released during the process. All workers who are permitted to perform the Glove Bag Technique shall be thoroughly trained, experienced, and skilled in this method.

GG. HEPA Filter - Means a filtering system capable of trapping and retaining at least 99.97% of all mono-dispersed particles 0.3 microns in diameter or larger. For respirators this shall include NIOSH rated P-100 cartridges only.

HH. HEPA Vacuum - A vacuum system furnished with HEPA filtration.

II. High Volume Vacuum - A vacuum system with the capacity to collect material through a four (4) inch diameter hose a minimum distance of 150 feet. This system shall be furnished with HEPA Filter at the air exhaust port and water applicators within the hopper.

JJ. Holding Area – An airlock chamber in the equipment Decontamination Enclosure located between the washroom and an uncontaminated area.

KK. HVAC – Heating, Ventilation, and Air Conditioning System.

LL. Location Code - Refers to a unique four digit numeric code assigned by the Owner to each of its Project sites.

MM. Lockdown Coat – A material applied to surfaces where asbestos has been completely removed. The manufacturer shall determine the concentration of this material.

NN. Member – A component part of a structure complete in itself.

OO. Movable Object - A portable piece of equipment or furniture in the Work area, which can be removed from the Work area.

PP. NESHAP - National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)

QQ. NIOSH - National Institute for Occupational Safety and Health

RR. Outside Air - Air outside of buildings and structures.

SS. Owner Consultant (OC) - Refers to the firm, company or individual designated by the Owner.

TT. PCM - Phase Contrast Microscopy as it relates to clearance air, personal protection assessment, and ambient air monitoring. This procedure must follow the NIOSH Method 7400, Asbestos Fibers by PCM.

UU. PLM - Polarized Light Microscopy used for bulk sample analysis with dispersion staining for the determination and quantifying of Asbestos in Bulk Samples building materials.

VV. Regulated Area - Designated rooms, spaces, or areas of the Project in which Asbestos Abatement actions are to be performed or which may become contaminated as a result of Abatement activities. A contained Work area is a Work area, which has been sealed and furnished with a Decontamination Enclosure System. A non-contained Work area is an isolated or controlled access Work area, which has not been sealed or furnished with a Decontamination Enclosure System.

WW. Removal – Means all operations where all ACM and/or PACM is removed or stripped from structures or substrates including Demolition.

XX. Renovation – Means the modifying of any existing structure, facility, or portion thereof.

YY. SCAQMD – South Coast Air Quality Management District

ZZ. Shower Room - A room between the Clean Room and the Equipment Room in the worker Decontamination Enclosure furnished with hot and cold running water controllable at the tap, and suitably arranged for complete showering during Decontamination.

AAA. Staging Area - Either the Holding Area, or other areas near the Waste Transfer Airlock where containerized Asbestos waste is temporarily placed prior to permanent removal from the Work area.

BBB. Surfactant - A chemical wetting agent added to water.

CCC. TEM - Transmission Electron Microscopy as defined for Asbestos clearance air monitoring within AHERA. This procedure must follow the NIOSH Method 7402, Asbestos Fibers by TEM.

DDD. TSI - Thermal System Insulation as defined in AHERA.

EEE. USEPA or EPA – United States Environmental Protection Agency

FFF. Visible Emissions - Any emissions from a known or suspected Asbestos material that is visually discernible.

GGG. Waste Transfer Airlock - A Decontamination system provided for transferring containerized waste from inside to outside of the Work area.

## 1.03 POLICIES AND PROCEDURES

A. The Owner has a zero tolerance policy for uncontrolled Asbestos releases during construction or Abatement Work. An Asbestos release requiring an emergency response is any uncontrolled release of Asbestos Containing Construction Materials. The Owner shall be immediately notified of all such uncontrolled releases.

B. Pre-qualified Asbestos Abatement Subcontractors are not permitted to subcontract any Abatement Work to a lower tier Subcontractor without the prior written approval of the Owner.

C. Where ACM is damaged or disturbed, all Work in that room shall cease, the room vacated immediately, the Owner Consultant notified of the disturbance with corrective action provided as required by the Owner Consultant.

1.04 ROLES AND RESPONSIBILITIES

A. Roles and Functions:

1. Coordinate the Work of this section directly with the Owner and/or Owner Consultant.

2. All Work under this section shall be performed in strict accordance with all applicable Federal, State, and Local regulations, standards, and codes governing Asbestos Abatement and any other Work performed in conjunction with the Abatement Work.

3. The most recent edition of any relevant regulation, standard, document, or code is in effect. Where conflict among the requirements or with this Specification exists, the most stringent requirement shall be provided.

1.05 SITE SECURITY

A. The Work area shall be restricted to authorized, trained, and protected personnel. A list of authorized personnel shall be established by the Owner Consultant prior to commencement of the Work and posted at the entrance of the worker Decontamination System.

B. Report to the Owner Consultant any unauthorized entry into the Work area. Following notification, a written report of the incident shall be provided to the Owner Consultant.

C. A logbook shall be maintained at the entrance of the worker Decontamination system. All persons entering the Work area shall record their name, company affiliation, time in, and time out for each entry and exit.

D. Access to the Work area shall be through the worker Decontamination system. All other means of access shall be blocked or locked so as to prevent entry to or exit from the Work area. The only exceptions are the waste-pass out airlock, which shall be sealed except during the Removal of containerized Asbestos waste from the Work area, and emergency exits in case of fire or accident. Emergency

exits shall be operable from inside the Work area, however they shall be sealed with polyethylene sheeting and tape.

E. Maintain Work area security during Abatement Work. All Work areas and ancillary equipment accessible to non-authorized personnel shall be protected from unauthorized access by constructing a minimum barrier of 3/8 inch CDX plywood supported by 2" x 4" studs, 16 inches on center. Height shall be as required to safely access Regulated Area. An access door shall be provided with hasp and padlock sufficient to prevent unauthorized entry. A key shall be provided to the Owner and Owner Consultant. Required barriers within an occupied building shall be furnished with sheathing as required by state and local fire protection regulations.

F. The protective barrier for a High Volume Vacuum shall be a minimum of eight (8) feet in height. Barriers for these systems may be constructed of chain link type fencing instead of the specified barriers. Such fencing, if provided, shall be covered with an opaque covering resistant to environmental conditions. This barrier system shall be maintained at all times while the enclosed equipment is on the Project site.

G. Unless otherwise specified, remove all barriers upon completion of the Work of this section. Repair and/or replace to original condition, all damage resulting from installation, use, and removal of the barriers.

1.06 EMERGENCY PLANNING

A. Emergency planning and procedures shall be developed, submitted, reviewed, and agreed to by the Owner prior to the commencement of Abatement Work.

B. Emergency procedures shall be provided in the written languages understood by all employees working on the Project and shall be prominently posted at the entrance of the Decontamination Enclosure System. Prior to entering the Work area, all parties must read and sign these procedures to acknowledge receipt and understanding of the Work site layout, location of emergency exits, and emergency procedures.

C. Emergency planning shall consider the effects of fire, explosion, toxic atmospheres, electrical hazards, slips, trips and falls, confined spaces, and heat related injury. Develop and provide written procedures and training to all employees.

D. Employees shall be trained in evacuation procedures in the event of workplace emergencies.

E. In the event of non-life threatening situations requiring medical treatment, injured or otherwise incapacitated employees shall decontaminate following normal procedures with assistance from fellow workers if necessary, before exiting the Work area.

F. In the event of life threatening injury or illness requiring immediate medical treatment, worker Decontamination shall be given minimum priority. Provide all measures to stabilize the injured worker, remove them from the Work area and secure proper medical treatment.

G. Telephone numbers of all emergency response personnel shall be prominently posted at the entrance of the Decontamination Enclosure System along with the location of the nearest telephone. In addition to the 911 emergency number, post the address and telephone number of the nearest emergency medical services provider.

H. Provide at least one (1) employee on the Project site at all times during progress of the Work that is trained and certified in first aid and cardiopulmonary resuscitation (CPR). This employee shall be identified by name and proof of training shall be provided to the Owner Consultant prior to the commencement of the Work of this section.

I. Provide at least one (1) 4A/60BC dry chemical extinguisher in the Equipment Room and one (1) at each corner of workspace areas in excess of 1,000 square feet. All workers shall be trained in the proper operation of fire extinguishers.

J. Emergency exits shall be provided and clearly marked with arrows or other clearly visible markings to permit easy identification from anywhere within the Work area. Exits shall be secured to prevent access from uncontaminated areas while still permitting emergency egress. Exits shall be properly sealed with polyethylene sheeting, which can be cut to permit emergency egress. Emergency exits may lead through the worker Decontamination Enclosure, the waste removal airlock or other alternative exits as required by fire officials.

1.07 LICENSING

A. The Work of this section shall be performed by an entity duly licensed in the State of California in accordance with the provisions of Chapter 9 of Division 3 of the Business and Professions Code, as amended. The Work of this section shall be performed by an entity holding a license with an “ABS” Asbestos Certification as issued by the Contractors State License Board.

B. The entity performing the Work of this section shall be registered with the Department of Industrial Relations in accordance with the provisions of Section 6501.5 of the California Labor Code.

1.08 ASBESTOS RELATED REQUIREMENTS

A. Qualifications:

1. Comply with the provisions of the California Labor Code, Division 5, Part 1, as it pertains to safety in employment and the applicable provisions of Title 8, Chapter 4, Subchapters 1 through 21, California Code of Regulations (CCR) as it pertains to Occupational Safety and Health, and Subchapter 7, Section 5208 Article 4, and Section 1529, Asbestos Regulations.

2. Electrical Work shall be performed as part of the Work of Division 16 and all those who enter a Regulated Area are required to possess a current EPA certification as an Asbestos worker.

B. Abatement Activities:

1. The Asbestos Abatement Work shall be performed by persons who comply with all applicable Federal, State, and local regulations including AHERA certified training.

2. Supply all labor, materials, services, insurance, permits and equipment necessary to perform the Work in accordance with all applicable Federal, State, and Local regulations and this Specification.

3. Collect pre-Abatement air samples. Results shall be submitted prior to commencement of the Work of this section. Include location of Samples, name of air sampling professional, equipment, and methods utilized for sampling and analysis.

4. Submit weekly job progress reports detailing Abatement activities for Projects with schedules that exceed thirty days. Include review of progress with respect to previously established Milestones and schedules, major problems and action taken, injury reports, equipment breakdown, and air sampling results.

5. Within five (5) workdays of transport and/or disposal, submit copies of all transport manifests, disposal receipts, and weight certificates for all Asbestos waste removed from the Work area during the Abatement process. Weight certificates shall indicate in pounds the net weight of waste disposed from the Project site as indicated on the manifest.

6. Submit copies on a daily basis of the Work site entry logbooks.

7. Submit logs on a weekly basis documenting filter changes on respirators, HEPA Vacuums, HEPA Filtered ventilation units, water filtration units, and other approved engineering controls.

8. Submit results of air sampling data collected during the course of the Abatement Work including Cal/OSHA compliance air monitoring results.

9. Submit results of materials testing conducted during the Abatement Work for purposes of utilization during Abatement activities. (i.e., depth test, substitution materials, etc.)

10 Post at the entrance of the Decontamination Enclosure System a list containing the names, addresses, and telephone numbers of the entity performing the Work of this section, designated Competent Person, the Owner and/or Owner Consultant, the testing laboratory and any other personnel who may be required to access the Work area or perform services during the Abatement Work.

11. For employee review, post at the entry of the Work area a copy of the scope of Work, special conditions, the current standard Specifications, and the applicable prevailing wage.

1.09 SUBMITTALS

A. Provide in accordance with Division 01 and this section.

B. Prior to commencement of the Work of this section, submit the following notices, documentation, Shop Drawings, and Product Data:

1. For Projects involving Asbestos-containing materials 100 square feet or more, provide a typed written notification in accordance with 40 CFR Part 61.146 of Subpart M, to the SCAQMD and the Division of Occupational Safety and Health prior to start of the Work. For Projects within the geographical limits of Los Angeles City, provide an additional notice to the Los Angeles City Fire Department, marked "COURTESY COPY."

2. Submit to the Owner, satisfactory proof the required permits, site location, and arrangements for transport and disposal of Asbestos Containing Waste materials have been completed in accordance with California Health and Safety Code, Section 25143.7. Obtain and submit a copy of handling procedures and a list of protective equipment utilized for Asbestos disposal at the landfill.

3. Submit to the Owner satisfactory documentation that all employees, including foremen, supervisors, and any other company personnel or agents who may be exposed to airborne Asbestos fibers or who may be responsible for any aspects of Abatement Work, have received adequate training that includes, at a minimum, information as described within this section and as required by AHERA.

4. Prior to commencement of Abatement Work, all personnel required to construct and enter the Work area or handle containerized Asbestos-containing materials shall have received adequate training, in accordance with the requirements of this Specification and by 40 CFR, Part 763, Subpart E (AHERA) and Title 8, Section 1529, of the California Code of Regulations applies.

5. Special Project site training for equipment and procedures unique to this Project site shall be provided as required.

6. Training in emergency response and evacuation procedures shall be provided to all personnel performing Work of this section.

7. Submit documentation from a physician certifying that all employees are medically monitored and are physically capable of working while wearing the required respiratory protection without suffering adverse health effects as required by California D.O.S.H. regulations. The certification shall state that the employee or agent is approved to work with Asbestos and wear a respiratory protection without restrictions. Provide information to the examining physician about unusual conditions in the workplace environment that may impact on the employee's ability to perform Abatement Work activities.

8. Submit Shop Drawings for layout and construction of Decontamination Enclosure Systems and barriers for isolation of the Work area as detailed in this Specification and required by applicable regulations.

9. Submit manufacturer's certification that HEPA Vacuums, air filtration units, and other local exhaust ventilation equipment complies with ANSI Z9.2-79.

10. Submit Product Data verifying that all air filtration devices (i.e., air filtration units and vacuums) have been registered or certified, as applicable, in compliance with the SCAQMD.

11. If rental equipment is to be furnished in Abatement Work areas or to transport Asbestos contaminated waste, written notification concerning the

intended use of the rental equipment shall be provided to the rental agency with a copy submitted to the Owner.

12. Document NIOSH approvals for all respiratory protective devices furnished for the Work. Include manufacturer certification of HEPA filtration capabilities for all cartridges and filters.

13. Submit documentation of respirator fit testing for all employees and agents entering the Work area. This fit testing shall be performed in accordance with DOSH regulations.

14. Submit a Sample of all forms to be used in documenting required items to be submitted and/or reviewed.

C. Provide all other required submittals specified as part of the Work of this section.

1.10 PRE-ABATEMENT MEETING

A. Attend a meeting to be held prior to the commencement of Abatement Work. Attending this meeting shall be representatives of the Owner, the Owner Consultant if applicable, and the testing/monitoring personnel who shall actually participate in the testing/monitoring program. Secure the attendance of the individual who will be the Project site Competent Person for the Abatement Work.

B. At this meeting provide all required submittals except for those to be submitted during progress of the Work. In addition, provide detailed information concerning:

1. Preparation of Work area and Shop Drawings.
2. Personal protective equipment, including respiratory protection and protective clothing.
3. Employees who will participate in the Project, including delineation of experience, training, and assigned responsibilities during the Work.
4. Decontamination procedures for personnel, Work area, and equipment.
5. Abatement methods and procedures to be provided.
6. Required air monitoring procedures (pre-Abatement, Cal/OSHA mandatory and SCAQMD requirement).
7. Procedures for handling and disposing of waste materials, including disposal facility.
8. Procedures for final Decontamination and cleanup.
9. A sequence of Work activities and performance schedule.
10. Procedures for dealing with heat stress.
11. Emergency procedures.

1.11 CLOSE OUT DOCUMENTATION

A. Provide the following close out documentation:

1. Filter change logs for all air filtration units, water filtration units and respirators.
2. Foreman's daily job reports.
3. Employee entry/exit logs for all containment.
4. Visitor entry/exit logs for all containment.
5. Manometer printout reports for all applicable containment.
6. Air sample results for personnel, Work areas and air filtration units.
7. Copies of all hazardous and non-Hazardous Waste manifests.
8. All Hazardous Waste weight tickets.
9. All signed Daily Personnel Report Forms.
10. Signed code of conduct form from each employee working on a Project.
11. Signed Asbestos Abatement Project Personnel Logs.

B. Receipt of the last workday attendance log and the daily personal monitoring results shall be submitted within (2) two days upon completion of the Work of this section.

PART 2 – PRODUCTS

2.01 Materials and Equipment:

A. Materials

1. General:

a. Deliver all materials in the original sealed packages, containers, or bundles bearing the name of the manufacturer and brand name.

b. Store all materials subject to damage off the ground, away from wet or damp surfaces, and under cover sufficient enough to prevent damage or contamination. Replacement materials shall be stored outside of the Work area until area is cleared for normal occupancy.

c. Damaged, deteriorating or previously used materials shall not be furnished and shall be removed from the Project site and legally disposed of.

e. A sufficient supply of disposable mops, rags, and sponges for Work area Decontamination shall be provided.

f. Unless otherwise specified, the Owner will provide water and power for construction purposes. Connect to existing system as required.

2. Asbestos Related:

a. All plastic, polyethylene sheeting or visqueen shall be a fire-retardant type. Provide documentation from the manufacturer verifying compliance with this requirement.

b. A minimum of two layers of 4-mil polyethylene sheeting shall be installed for walls. For floors and all other installations, polyethylene sheeting of at least 6-mil thickness shall be furnished in sufficient widths to minimize the frequency of joints.

c. Method of attaching polyethylene sheeting shall be reviewed prior to installation and/or commencement of Abatement Work. Method of attaching polyethylene sheeting shall not cause damage to equipment, finish surfaces, or other property.

d. Polyethylene sheeting furnished for the Decontamination Enclosure System shall be opaque white or black in color and shall be a minimum of 6-mil thick.

e. Disposal bags shall be of 6-mil polyethylene, pre-printed with labels as required by SCAQMD and applicable Cal/OSHA and DOT requirements.

f. Apply labels as per SCAQMD, Cal/OSHA, and DOT requirements for disposal containers.

g. Provide warning signs as required by CAL/OSHA.

h. Surfactant (wetting agent) shall be a material that, when tested, demonstrates a surface tension of 29 dynes/cm as tested in its properly mixed concentration, using ASTM method D1331-56- "Surface and Interfacial Tension of Solutions of Surface Active Agents." Where Work area temperature may cause freezing of the Amended Water solution, the addition of an approved antifreeze in a manufacturer recommended amount is permitted.

B. Equipment

1. General:

a. All equipment delivered to the Project site shall be free of all Asbestos and/or fibrous debris. No equipment with Asbestos and/or fibrous debris in or on it is permitted on Owner properties.

b. Provide sufficient lighting to illuminate the Work area for safe visual working conditions and to clearly examine all surfaces.

c. Provide a sufficient supply of scaffolds, ladders, lifts, and hand tools that meet all applicable Federal, State, and local regulations.

d. Provide non-metallic dustpans, squeegees, and shovels for cleanup.

2. Asbestos Related:

a. A sufficient quantity of air filtration ventilation units furnished with HEPA filtration and operated in accordance with ANSI Z9.2-79 and EPA guidance documents shall be furnished to provide one workplace air change every 15 minutes creating a pressure differential of 0.02 inches of water everywhere within the Enclosure when compared to the pressure outside the Enclosure. For small Enclosures and glove bags, a HEPA Filtered vacuum system may be furnished to provide the pressure differential. A log documenting the filter change history of each unit is required before use. Any unit without this log shall have all filters changed and the unit decontaminated.

b. Provide a printable manometer for determining and recording the pressure differential within the isolated Work area as compared with the ambient environment. A printed record is required for the duration of the Project. The manometer shall operate 24 hours per day with a printed differential reading not to exceed fifteen (15) minute intervals.

c. High volume vacuum equipment shall be provided during all soil Removal operations unless otherwise specified.

d. Provide sprayers with pumps in a quantity capable of providing Amended Water in sufficient quantities to adequately wet materials to be abated.

e. Non-skid footwear shall be worn by all Abatement workers. Disposable clothing shall be adequately sealed to the footwear to prevent body contamination.

f. Provide additional safety equipment to all workers and authorized visitors.

g. When disposal containers are delivered to a Project site, all four (4) wheels of each container shall be moved and rested upon a sheet of plywood no smaller than 4' X 4' X 3/4" minimum.

2.02 EMPLOYEE PERSONAL PROTECTION EQUIPMENT

A. Respiratory Protection:

1. Respirators shall be provided for protection from particulate contaminants as required by the National Institute of Occupational Safety and Health.

2. The respirators provided shall furnish a maximum protection factor no less than the fiber concentration of the Work area. When powered air purifying respirators are provided, a sufficient supply of charged replacement batteries, filters, and a flow test meter shall be provided in the Clean Room area. Air purifying respirators with dual HEPA Filters may be provided during Work area preparation activities.

3. Provide spectacle kits and eyeglasses for employees who wear glasses and must wear full-face respirators.

B. Fit Testing:

1. Workers must perform positive and negative air pressure fit tests each time a respirator is donned, whenever the respirator design so permits. Powered air purifying respirators shall be tested for adequate flow as specified by the manufacturer.

2. Workers shall be undergo a qualitative fit test in accordance with procedures detailed in the D.O.S.H. requirements for all respirators to be provided for this Abatement Project. An appropriately administered quantitative fit test may be substituted for the qualitative fit test.

3. Documentation of adequate respirator fit must be provided to the OC.

4. No one wearing a beard shall be permitted to don a respirator and enter the Work area.

5. A minimum of two additional respirators of each type and training on their donning and use must be provided at the Work site for authorized visitors required to enter the Work area.

C. Protective Clothing:

1. Full body disposable protective clothing, including head, body, and foot coverings, shall be provided to all workers and authorized visitors in sizes adequate to accommodate movement without tearing.

2. Disposable clothing including head, foot, and full body protection shall be provided in sufficient quantities and adequate sizes for all workers and authorized visitors.

3. A new suit shall be donned upon each entry to the Abatement Work area.

4. Hard hats, protective eye wear, gloves, rubber boots and/or other footwear shall be provided as required for workers and authorized visitors. Safety shoes may be required and shall be provided.

PART 3 - EXECUTION

3.01 WORK AREA PREPARATION AND ABATEMENT PROCEDURES

A. Work Area Preparation

1. Shut down and lock out all heating, cooling and air conditioning systems (HVAC) components that are located in, supply, or pass through the Work area. Seal all intakes and exhaust vents in the Work area with tape and 6-mil polyethylene. Seal all seams in any system components that pass through the Work area.

2. Provide and post signs at all locations and approaches to the Regulated Area. The signs shall comply with Cal/OSHA regulations.

3. In conjunction with the Owner, shut down and lock out/tag out electric power to all Work areas. Provide equipment for temporary power with ground fault interrupters and lighting sources. Temporary power sources and equipment shall comply with all applicable electrical code requirements and Cal/OSHA requirements for temporary electrical systems. The Owner shall perform all electrical connections of electrical cable and equipment provided as part of the Work of this section to existing Owner systems. The Owner shall pay for the costs of electric power consumed during performance of the Work of this section, unless otherwise noted.

4. Clean and seal off all windows, doorways, elevator openings, corridor entrances, drains, ducts, grills, grates, diffusers, skylights, and any other openings between the Work area and areas outside of the Work area with 6-mil polyethylene sheeting and tape prior to proceeding with required cleaning.

5. Clean all Movable Objects within the Work area with a HEPA Filtered vacuum and wet cleaning methods. After cleaning, these objects shall be removed from the work area and carefully stored in a location designated by the Owner.

6. Clean all Fixed Objects in the Work area with a HEPA Filtered vacuums and wet cleaning methods. Careful attention shall be given to machinery behind grills or gratings where access may be difficult but contamination is present. Cleaning of walls, floors, and ceilings behind fixed items is required. After cleaning, enclose Fixed Objects in 6-mil polyethylene sheeting and seal securely in place with durable tape.

7. Clean all surfaces in the Work area with a HEPA Filtered vacuums and wet cleaning methods. Do not utilize any methods, such as dry sweeping or vacuuming, with equipment not furnished with HEPA Filters thereby creating airborne dust and particulates. Do not disturb Asbestos Containing Materials during this cleaning phase.

8. Floors shall be covered with two layers of 6-mil (minimum) polyethylene sheeting. Additional layers of sheeting may be furnished as drop cloths for cleanup of bulk materials.

9. Polyethylene sheeting shall be sized and installed to minimize seams. If the floor area to be covered requires seaming, seams on successive layers of polyethylene sheeting shall be staggered a minimum of six feet between each seam to reduce the potential for water penetration into the existing flooring. Do not install seams at the junction between a wall and floor.

10 Polyethylene sheeting installed on a floor shall extend at least 12 inches up the sidewalls of the Work area.

11. Polyethylene sheeting shall be installed so as to prevent slippage between successive layers of installed material.

12. Walls shall be covered with two (2) layers of 4-mil minimum thickness polyethylene sheeting.

13. Polyethylene sheeting installed on a wall shall overlap floor sheeting by at least 12 inches beyond the wall/floor joint to provide a seal against water damage.

14. Polyethylene sheeting installed on a wall shall be adequately fastened to prevent it from falling away from the walls. Provide additional support/attachment when air filtration ventilation systems are provided.

15. Provide one (1) layer of 3-mil maximum, polyethylene sheeting (non-fire retardant type for isolation of fire sprinkler devices. Installed taping shall not impede the normal function of the fire sprinkler device. Approved wire sprinkler guards shall be furnished in conjunction with isolation.

16. Install and operate air filtration equipment to provide one air change in the Work area every 15 minutes. Openings made in the Enclosure System to accommodate these units shall be made airtight with durable tape and/or caulking as needed. If more than one unit is installed, they shall be turned on one at a time, checking the integrity of all barriers after each unit is started. Insure that adequate power supply is available to satisfy the requirements of the air filtration units. Exhaust from these units shall be directed to the outside of the building whenever feasible. They shall not be exhausted into occupied areas of the buildings. Exhaust duct shall be extended from the Work area to the outside as required. Careful installation and daily inspections shall be performed to verify the exhaust ducts do not discharge into any areas of the building.

17. Once the Enclosure system is constructed and reinforced with air filtration units in operation as required, test the Enclosure for leakage utilizing smoke tubes. Repair, replace or reconstruct as required.

18. Following completion of the construction of all polyethylene barriers and Decontamination Enclosure System, operate the air filtration units overnight to insure the barriers will remain intact and secured to walls and fixtures before beginning actual Abatement Work.

19. Commencement of the Work of this section shall not occur until:

    a. The entire containment system has been constructed and inspected in accordance with the required Shop Drawings.
    b. Air filtration units are functioning within the requirements of this section.
    c. All pre-Abatement submittals, notifications, postings, and permits have been provided and reviewed by the Owner Consultant.
    d. All equipment for Abatement, Decontamination, and disposal are on the Project site.
    e. All worker training, respirator fit testing, and medical surveillance has been provided and reviewed by the Owner Consultant.
    f. A Notice to Proceed is transmitted by the Owner.

3.02 DECONTAMINATION ENCLOSURE SYSTEM

A. Decontamination Enclosure Systems shall be provided at all locations where workers will enter or exit the Work area prior to any other set up. Only one system at a single location for each Regulated Area is required. At least one individual shall be stationed at the entrance of each system at all times Work is in progress.

B. These systems may consist of existing rooms outside of the Work area, if the layout permits, and that can be enclosed in polyethylene sheeting, and are accessible from the Work area. If this intended layout is not feasible, given existing site conditions, Enclosure systems may be constructed out of metal, wood, or plastic support as required.

C. Decontamination Enclosure Systems constructed at the Project site shall be furnished with 6-mil opaque white or black polyethylene sheeting or other reviewed materials for privacy. Detailed descriptions of portable, prefabricated units, if furnished, shall be submitted for review. Shop Drawings must include floor plan with dimensions, materials, size, thickness, plumbing, and electrical utilities.

D. The system shall consist of at least a Clean Room, a Shower Room, and an equipment room, each separated from the other, from the Work area and from the non-Work area by "Z-flaps" at a minimum. The system shall be furnished with, at a minimum, two (2) layers of 6-mil polyethylene sheeting on the floors and walls.

E. Clean room shall be of adequate size to accommodate the Abatement crew. Clean work clothes, clean disposable clothing, replacement filters for respirators, disposable towels, and other necessary items shall be provided for in adequate supply adjacent to the Clean Room. A location for posting notices shall also be provided adjacent to this area. When required, a lockable door shall be furnished to control access into the Clean Room from outside the Work area. Comfort lighting, heat, and electricity shall be provided as required. This space shall not be used for storage of tools, equipment, materials, or as office space.

F. Shower room shall contain one or more showers as required to adequately accommodate workers. Each showerhead shall be supplied with hot and cold water adjustable at the tap. The shower Enclosure shall be constructed to ensure against any kind of leakage. Provide an adequate supply of soap, shampoo, and disposable towels, available at all times. Shower water shall be drained, collected, and progressively filtered through a system achieving a maximum particle size of 1.0 microns.

G. The Equipment Room shall be used for storage of equipment and tools at the end of a shift. These shall have been cleaned using a HEPA Filtered vacuum and wet cleaning methods. A container lined with a labeled 6-mil polyethylene bag for

collection of disposable clothing shall be located in this room. Reusable footwear shall be stored in this area after being cleaned.

3.03 WASTE CONTAINER REMOVAL AIRLOCK AND EMERGENCY EXITS

A. The waste container pass-out airlock shall be constructed away from the Decontamination Enclosure System. This airlock shall be in a location that provides direct access from the Work area to the outside of the building if possible.

B. This system shall consist of an airlock, container Staging Area, and another airlock providing access to outside the Work area.

C. The waste container airlock shall be constructed in similar fashion with similar materials as the Decontamination Enclosure System.

D. This airlock system shall not be used to enter or exit the Work area.

3.04 ALTERNATIVE PROCEDURES

A. Soil Removal

1. All required Abatement shall be performed prior to soil Removal.

2. If soil Removal is specified, all debris within or upon the soil shall be considered part of the soil and shall be removed as a contaminated waste. Debris includes, but is not limited to, fabric, paper, and other fibrous or porous materials.

3. It is not the intention of this section to require the Removal of large rocks, abandoned non-Asbestos-containing pipe, lumber and similar debris. If these types of conditions are encountered, clean and encapsulate these materials in place instead of removing them as a contaminated waste, provided Asbestos contamination is not ingrained within and/or affixed to them.

4. Soil shall be removed with a High Volume Vacuum system. Soil shall be removed to the hard pan unless otherwise specified or required.

5. After soil Removal has been completed, the Owner Consultant shall inspect the Work. Approval of the Removal Work is required prior to lock down and Encapsulation.

6. When soil requires Encapsulation following Asbestos Removal, including but not limited to, High Volume Vacuum removal, a continuous even coat

of encapsulating material shall be applied at the rate of no more than fifty (50) square feet per gallon.

B. Other:

1. All High Volume Vacuum systems shall be provided with an Enclosure constructed at the waste discharge port. This Enclosure shall be of sufficient size to accommodate the workers and disposal containers necessary for the Project. The Enclosure shall be constructed of one (1) layer, 6-mil minimum, of polyethylene sheeting. An air filtration unit shall be furnished during operation of the High Volume Vacuum.

2. Where pipe insulation is to be removed in a crawl space and/or attic space a single layer of 6-mil polyethylene sheeting with a minimum width of four (4) feet shall be placed centered under the Removal surfaces.

3. If specified procedures cannot be furnished, a written request shall be provided to the Owner outlining details of the problem encountered and recommended alternative solutions.

4. Alternative procedures shall provide equivalent or greater protection than the specified and/or required procedures.

5. Any alternative procedure requires the written approval of the Owner prior to implementation.

## 3.05 WORKPLACE ENTRY AND EXIT PROCEDURES

A. Before entering the Regulated Area all personnel shall read and be familiar with all posted regulations, personal protection requirements, and emergency procedures. A signature sheet shall be posted for signatory acknowledgement these have been reviewed and understood by all personnel prior to entry.

B. All workers and other authorized personnel shall enter the Work area through the Decontamination Enclosure System.

C. All personnel who enter or exit the Regulated Area shall sign the entry and exit log located adjacent to the Clean Room.

D. All personnel shall proceed first to the Clean Room, don respirator, and washable and/or disposable clothing.

E. General construction area equipment including, but not limited to, hard hats, eye protection, and gloves shall also be provided as required. Clean respirator and

cartridges, and protective clothing shall be provided and utilized by each person for each separate entry into the Regulated Area.

F. Before leaving the Regulated Area all personnel shall remove gross contamination from the outside of respirators and protective clothing by vacuuming and/or wet wiping methods. Each person shall clean bottoms of protective footwear just prior to entering the Equipment Room.

G. Personnel shall proceed to Equipment Room where they remove all protective equipment except respirators. Deposit disposable clothing into appropriately labeled containers.

H. Still wearing respirator, personnel shall proceed to the shower area, clean the outside of the respirators and the exposed face area under running water prior to removal of respirator then shower and shampoo to remove residual Asbestos contamination. Various types of respirators will require slight modification of these procedures. A powered air purifying respirator face piece will have to be disconnected from the filter/power pack assembly when such is not waterproof, upon entering the shower. A dual cartridge respirator may be worn into the shower and cartridges shall be replaced for each new entry into the Work area.

I. After showering and drying off, proceed to the Clean Room and don clean clothing.

J. At no time shall any personnel exit a Work area without being completely dressed. Any violation of this requirement will result in the permanent removal of the person from the Project site.

3.06 REMOVAL PROCEDURES

A. Brushes furnished for removing loose Asbestos Containing Material shall be furnished with nylon or fiber bristles. Metal or wire brushes are not permitted.

B. A sufficient supply of HEPA Filtered vacuum systems shall be provided during cleanup.

C. All barriers constructed to isolate the Regulated Area from other areas shall be inspected at least three times per shift; prior to the start of Abatement activities; half way into the shift; and following the completion of the Abatement activities at the end of the shift. Inspect and document observations in the daily Project log.

D. Damage and defects in the Enclosure system shall be repaired immediately upon discovery.

E. At any time during Abatement Work, following barrier installation, if visible debris is observed outside of the Regulated Area or damage occurs to the barriers,

stop Work immediately. Repairs shall be performed to the barriers and debris/residue shall be cleaned up with appropriate HEPA Vacuuming and wet wiping methods. These incidents shall be recorded in the daily Project log.

F. If air samples collected outside of the Work area during Abatement Work indicate airborne fiber concentrations greater than 0.01 f/cc or the pre-measured background levels (whichever is lower) Work shall stop immediately. An inspection and repair of barriers shall be performed as required. Surface cleaning with HEPA Vacuums and wet wiping methods of areas outside of the Work area may be required by the Owner. Findings, observations, and corrective actions shall be documented in the daily Project log.

3.07 ENCAPSULATION AND BRIDGING AGENTS

A. Clean and isolate the Work area in accordance with "Work Area Preparation" of this Section.

B. Repair damaged and missing areas of existing materials with non-Asbestos containing substitutes. Material shall adhere adequately to existing surfaces and provide an adequate base for application of Encapsulating Material. Filler material shall be installed in accordance with manufacturers recommended specifications.

C. Remove loose or hanging Asbestos Containing Materials in accordance with the requirements of "Removal Procedures" in this Section.

D. All lockdown and Encapsulating Material, and bridging agents shall be reviewed by the Owner Consultant prior to the commencement of the Work of this section.

E. Encapsulating Material shall be sprayed applied with airless spray equipment. Nozzle pressure shall be adjustable within a range of 400 to 1500 PSI.

F. Lock down coat shall be spray applied with low pressure providing a continuous even coat.

G. Bridging agents shall be a palm or brush grade.

H. All colorless lock down materials, Encapsulating Material, and bridging agents shall be furnished with a color additive. A different color shall be furnished for each separate coat of applied material.

I. Install penetrating type Encapsulating Material to penetrate existing sprayed Asbestos materials to a depth as required.

J During installation of the penetrating type Encapsulating Material, remove selected random core samples of the Asbestos Containing Materials in the presence of the Owner Consultant to verify depth of penetration.

K. Lock down coating and Encapsulating Material for installation on hot water, steam, or any other high temperature equipment shall be manufactured and recommended for installation on high temperature systems.

3.08 CLEAN UP PROCEDURES

A. Asbestos Clean Up Procedures:

1. Reusable footwear and kneepads shall be stored in the Equipment Room when not in the Work area. Upon completion of Abatement Work, these shall be disposed of as Asbestos contaminated waste or may be decontaminated at the completion of Abatement Work.

2. Remove and containerize all visible accumulations of Asbestos-containing material and Asbestos contaminated debris with rubber dustpans and rubber squeegees. Do not furnish or allow the use of metal shovels to pick up or move accumulated waste. Special care shall be taken to minimize damage to flooring materials.

3. Remove all containerized waste from the Work area and the waste container airlock.

4. Wet wipe all surfaces in the Regulated Area with unused rags, mops, and sponges as appropriate.

5. After cleaning remove the top layer of polyethylene sheeting from walls and floors.

6. Clean the second layer of polyethylene sheeting by wet wipe and HEPA Vacuuming. Windows, doors, HVAC system vents, and all other critical seals shall remain sealed until the Work area passes final clearance. The air filtration units shall remain in continuous operation and the Decontamination Enclosure System(s) shall remain in place and be utilized.

7. Decontaminate all tools and equipment and remove at the appropriate time in the cleaning process.

8. Provide notification to the Owner at least one (1) day in advance when Work will be completed and ready for final visual inspection. If, upon inspection, Work is not completed or the area does not pass final visual inspection, finish or correct the Work as required before again notifying

the Owner. Subsequent inspections shall commence not later than one (1) day following notice.

9. The Owner Consultant shall inspect the Work area for visible residue. If residue is observed, it shall be deemed to contain Asbestos and the cleaning process shall be repeated. The lock down coat shall be installed only after inspection by the Owner Consultant and during non-school hours.

10. The second layer of isolation shall only be removed after the Owner Consultant inspects the lock down coat or installed Encapsulation, but in no case prior to overnight drying of lock down coat or Encapsulation.

11. Following completion of air clearance monitoring the remaining barriers shall be removed and properly disposed of. A final visual inspection by the Owner Consultant shall be performed to verify that no contamination remains in the Work area. Unsatisfactory conditions may require additional cleaning and air monitoring.

3.09 WASTE HANDLING AND TRANSPORTATION

A. Asbestos Waste Handling

1. As the Work progresses, to prevent exceeding available storage capacity on the Project site, sealed and labeled containers of Asbestos Containing Waste shall be removed and transported to the prearranged disposal location.

2. Waste disposal shall occur at an authorized site in accordance with regulatory requirements of NESHAP and applicable State and Local regulations.

3. Once the drums, bags, and/or wrapped components have been removed from the Work area, they shall be loaded into an enclosed truck for transportation.

4. Personnel loading Asbestos waste shall be protected with disposable clothing and at a minimum half-face, air purifying, dual cartridge respirators furnished with HEPA Filters.

3.10 TRANSPORTATION OF NON HAZARDOUS WASTE

A. All waste shall be containerized, labeled, and transported in accordance with federal, state, and local regulations as required.

B. All waste shall be transported under cover a non-Hazardous Waste manifest.

C. All containers shall be enclosed at all times during transportation.

## 3.11 TRANSPORTATION OF HAZARDOUS WASTE

A. All dump receipts; trip tickets, transportation manifests, weight certificates or other documentation of disposal shall be delivered to the Owner Consultant within 48 hours of disposal. As the material and responsibility for the material changes hands, the generator or designee, the transporter(s), and the Disposal Site Operator shall sign the Uniform Hazardous Waste Manifest. If a separate waste hauler is employed, the name, address, U.S.E.P.A. ID number, and signature of the transporter shall also be affixed onto the manifest.

B. The enclosed cargo area of trucks or containers shall be free of debris and lined with 6 mil polyethylene sheeting to prevent contamination from leaking or spilled containers. Floor sheeting shall be installed first and extend up the sidewalls. Wall sheeting shall be overlapped and taped into place.

C. Drums shall be placed on level surfaces in the cargo area and packed tightly together to prevent shifting and tipping. Large structural components shall be secured to prevent shifting, with bags placed on top.

D. All access openings on large metal containers, which are used for storing or transporting Asbestos waste, shall have doors and tops that can be closed and locked. Materials not properly bagged shall not be placed in these containers or shall these containers be used for non-Asbestos waste. Bags shall be placed, not thrown, into these containers to avoid damage.

## 3.12 MONITORING

A. Abatement Project Management and Inspection:

1. Owner has the right to perform air and performance monitoring at any time

2. The Owner has unlimited access to the regulated and surrounding areas at all times during progress of the Work, including, but not limited to, use of ladders, scaffolds, and other equipment as required to gain access to the Work surfaces.

B. Work Area Monitoring:

1. Visual inspections and air testing may be performed at any time during the progress of the Abatement Work. Provide corrective measures as required

to maintain the Work area in compliance with this Specification and all regulatory requirements.

C. Contractor's Employee – Personal Air Monitoring:

1. Provide air monitoring as required California Code of Regulations, Title 8, Section 1529. Results shall be provided to the Owner Consultant within 10 working days of sampling.

D. Clearance Air Monitoring:

1. Following the completion of clean up operations, lock down coat application, and visual inspection by the Owner, clearance air monitoring shall be performed by the Owner Consultant.

2. The Owner Consultant shall arrange for sampling of the air in the Work area for airborne fiber concentrations. Unauthorized interference or tampering with air sampling equipment may result in termination of the Contract.

3. If air-sampling results are within the limits of 40 CFR, Part 763, Subpart E (AHERA), the Work area shall be released for occupancy.

4. Areas failing clearance monitoring shall be cleaned as required in sub-section 3.08, CLEAN UP PROCEDURES, and tested until satisfactory levels are provided in accordance with this Specification. Should it be determined by the Owner Consultant that additional clean up is necessary the contractor will be responsible for any additional costs associated.

## 3.13 RE-ESTABLISHMENT OF THE WORK AREA AND SYSTEMS

A. Reestablishment of the Work area shall only occur following the completion of final inspection and clearance air monitoring.

B. All critical barriers shall be removed at this time.

C. Accompanied by the Owner Consultant, visually inspect the Work area for any remaining visible residue. Evidence of contamination will require additional cleaning requirements.

D. Install and secure Moveable Objects.

E. Relocate Moveable Objects that were removed to temporary locations back to their original positions.

F. Reestablish HVAC, mechanical, and electrical systems to the condition prior to commencement of the Work of this section.

G. Repair all areas of damage deemed to be a result of the Abatement Work.

H. Restore the Work area and auxiliary areas utilized during the Abatement to conditions equal to or better than original. Any damage caused during the performance of Abatement Work, including, but not limited to, damage caused by tape, adhesive, staples, nails, water, Encapsulating Material, or any other material shall be repaired as required.

I. Prior to occupancy of a space following clearance monitoring, all HVAC systems filters associated with the Work area shall be removed and disposed of as Asbestos waste. Decontaminate filter assembly and surrounding area with HEPA Vacuums and wet cleaning methods.

END OF SECTION

**Attachment A**

**SCOPE OF WORK**
**FOR ASBESTOS-CONTAINING MATERIALS ABATEMENT**

**Sequoia Elementary School**

| | |
|---|---|
| **Project**: Sequoia Elementary School | **Date**: August 21, 22, 23 & 24, 2023 |
| **Address**: 5900 Iroquois Road, Westminster, California 92683 | |

The project covered by this Scope of Work includes the removal, handling, and disposal of asbestos-containing materials in accordance with the attached Westminster School District Specifications for Asbestos Abatement and applicable federal, state, and local regulations as they apply to the above-referenced site. This Scope of Work includes the above-referenced standard specifications and cannot be used separately. In case of conflict between this Scope of Work and the attached standard specifications, the specifications shall prevail.

A copy of this Scope of Work is to be posted on site during the abatement work.

## I Summary of Work

Remove and dispose of asbestos-containing materials (ACM) in advance of the upcoming renovation project at the above-referenced site. The scope of work as indicated by Westminster School District is a limited site survey and includes the specified buildings.

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## II Submittals

### Pre-job Submittals (as designated)

| | |
|---|---|
| X | SCAQMD Notification per 1403 (10 working days in advance) |
| X | Cal-OSHA Notification per 8 CCR 1529 (24 hours in advance) |
| X | Copy of current state contractor licensing board license |
| X | Abatement work schedule |
| X | Copies of workers' asbestos training certificates, including supervisor |
| X | Copies of workers' annual medical exam, including respirator approval |
| X | Copies of workers' 12-month respirator fit-test records |
| X | SCAQMD permits for HEPA equipment (e.g., negative air machines and vacuums) |
| X | Material Safety Data Sheets (MSDS) for all chemicals to be used |
| X | Emergency phone and pager numbers |

**On-going Submittals (as designated)**

| | |
|---|---|
| X | Personal air monitoring results |
| X | Updated worker documentation (as needed) |
| X | Work area access logs (daily) |
| X | Negative air pressure (manometer) records (each shift) |
| X | Copies of updated regulatory notifications (as needed) |

**Project Completion Submittals (within 2 weeks of project completion, as designated)**

| | |
|---|---|
| X | Certificate of Completion |
| X | Landfill weight ticket and receipt |
| X | Copies of completed waste manifests |
| X | Personal air sampling results |

## III Schedule

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|---|
| **Start Date**: To be announced |
| **End Date**: To be announced |
| **Maximum Abatement Shifts**: To be announced |
| **Time Frame**: To be announced |

## IV Project Contacts

| Company | Name | Phone Number |
|---|---|---|
| Westminster School District | Brian Johnson | (714) 264-4036 |
| Patriot Environmental Laboratory Services, Inc. | Fernando Najera | (714) 899-8900 |

## V Site Access

Arrange site access with Westminster School District at project commencement.

## VI Special Conditions

Adequate staffing and equipment must be dedicated to these projects to ensure completion of abatement work in accordance with the project schedule.

## VII Scope of Work

### Asbestos Abatement

| | |
|---|---|
| **Area 1:** | Building K1, K2 |
| **Method:** | Full-Containment |
| **Material:** | Black Mastic |
| **Cal-OSHA Abatement Activity Class** | I |
| **Percent Asbestos** | 3-5% |
| **Approx. Quantity to be Impacted*** | 1,800 SF |
| **Location:** | Classrooms K1 & K2 and Storage |
| **Comments:** | **Remove black mastic material adequate to accommodate the renovation Project. Perform all work within a negative pressure containment using wet methods, in accordance with attached specifications.** |

| | |
|---|---|
| **Area 2:** | Buildings K1-K2, A1-A3, A4-A5, A6-A8, B1-B3, B4-B5, B6-B8, Library and Innovation Building, and Admin Building |
| **Method:** | Open Wet Methods and Hand Tools |
| **Material:** | Gray Window Putty |
| **Cal-OSHA Abatement Activity Class** | I |
| **Percent Asbestos** | 3% Chrysotile |
| **Approx. Quantity to be Impacted*** | 920 SF |
| **Location:** | Buildings K1-K2, A1-A3, A4-A5, A6-A8, B1-B3, B4-B5, B6-B8, Library and Innovation Building, and Admin Building Windows |
| **Comments:** | **Remove gray window putty material adequate to accommodate the upcoming renovation Project. Perform all work using wet methods, in accordance with attached specifications.** |

| | |
|---|---|
| **Area 3:** | Buildings K1-K2, A1-A3, A4-A5, A6-A8, B1-B3, B4-B5, B6-B8, Library and Innovation Building, and Admin Building |
| **Method:** | Open Wet Methods and Hand Tools |
| **Material:** | Blue Transite Panels |
| **Cal-OSHA Abatement Activity Class** | I |
| **Percent Asbestos** | Assumed |
| **Approx. Quantity to be Impacted*** | 2,640 SF |
| **Location:** | Buildings K1-K2, A1-A3, A4-A5, A6-A8, B1-B3, B4-B5, B6-B8, Library and Innovation Building, and Admin Building Exteriors |
| **Comments:** | **Remove blue transite panel material adequate to accommodate the upcoming renovation Project. Perform all work using wet methods, in accordance with attached specifications.** |

| | |
|---|---|
| **Area 4:** | Buildings K1-K2, A1-A3, A4-A5, A6-A8, B1-B3, B4-B5, B6-B8, Library and Innovation Building, and Admin Building |
| **Method:** | Full-Containment |
| **Material:** | Whiteboards |
| **Cal-OSHA Abatement Activity Class** | I |
| **Percent Asbestos** | Assumed |
| **Approx. Quantity to be Impacted*** | 4,800 SF |
| **Location:** | Buildings K1-K2, A1-A3, A4-A5, A6-A8, B1-B3, B4-B5, B6-B8, Library and Innovation Building, and Admin Building Walls |
| **Comments:** | **Remove whiteboard material adequate to accommodate the renovation Project. Perform all work within a negative pressure containment using wet methods, in accordance with attached specifications.** |

| | |
|---|---|
| **Area 5:** | Building A1-A3 |
| **Method:** | Full-Containment |
| **Material:** | Black Glue |
| **Cal-OSHA Abatement Activity Class** | I |
| **Percent Asbestos** | 5% Chrysotile |
| **Approx. Quantity to be Impacted*** | 900 SF |
| **Location:** | Classroom A3 and Speech Room Floors Under Grey Carpet |
| **Comments:** | **Remove black glue material adequate to accommodate the renovation Project. Perform all work within a negative pressure containment using wet methods, in accordance with attached specifications.** |

| | |
|---|---|
| **Area 6:** | Building A1-A3 |
| **Method:** | Full-Containment |
| **Material:** | Black Mastic |
| **Cal-OSHA Abatement Activity Class** | I |
| **Percent Asbestos** | 5% Chrysotile |
| **Approx. Quantity to be Impacted*** | 900 SF |
| **Location:** | Classroom A1 Floor Under Blue Carpet |
| **Comments:** | **Remove black mastic material adequate to accommodate the renovation Project. Perform all work within a negative pressure containment using wet methods, in accordance with attached specifications.** |

| | |
|---|---|
| **Area 7:** | Building A6-A8 |
| **Method:** | Full-Containment |
| **Material:** | Multi-Colored Carpet Mastic |
| **Cal-OSHA Abatement Activity Class** | I |
| **Percent Asbestos** | 3% Chrysotile |
| **Approx. Quantity to be Impacted*** | 2,700 SF |
| **Location:** | Classrooms A6, A7, and A8 Floors |
| **Comments:** | **Remove multi-colored carpet mastic material adequate to accommodate the renovation Project. Perform all work within a negative pressure containment using wet methods, in accordance with attached specifications.** |

| | |
|---|---|
| **Area 8:** | Building B1-B3 |
| **Method:** | Full-Containment |
| **Material:** | Black Mastic |
| **Cal-OSHA Abatement Activity Class** | I |
| **Percent Asbestos** | 5% Chrysotile |
| **Approx. Quantity to be Impacted*** | 1,800 SF |
| **Location:** | Classroom B2 and B3 Floors Under Blue Carpet |
| **Comments:** | **Remove black mastic material adequate to accommodate the renovation Project. Perform all work within a negative pressure containment using wet methods, in accordance with attached specifications.** |

| | |
|---|---|
| **Area 9:** | Building B1-B3 |
| **Method:** | Full-Containment |
| **Material:** | Black Mastic |
| **Cal-OSHA Abatement Activity Class** | I |
| **Percent Asbestos** | 5% Chrysotile |
| **Approx. Quantity to be Impacted*** | 900 SF |
| **Location:** | Lounge B1 Floor Under Grey Carpet |
| **Comments:** | **Remove black mastic material adequate to accommodate the renovation Project. Perform all work within a negative pressure containment using wet methods, in accordance with attached specifications.** |

| | |
|---|---|
| **Area 10:** | Library and Innovation Building |
| **Method:** | Full-Containment |
| **Material:** | Multi-Colored Carpet Mastic |
| **Cal-OSHA Abatement Activity Class** | I |
| **Percent Asbestos** | 5% Chrysotile |
| **Approx. Quantity to be Impacted*** | 900 SF |
| **Location:** | Library Floor |
| **Comments:** | **Remove multi-colored carpet mastic material adequate to accommodate the renovation Project. Perform all work within a negative pressure containment using wet methods, in accordance with attached specifications.** |

| | |
|---|---|
| **Area 11:** | Library and Innovation Building |
| **Method:** | Full-Containment |
| **Material:** | Multi-Colored Floor Mastic |
| **Cal-OSHA Abatement Activity Class** | I |
| **Percent Asbestos** | 5% Chrysotile |
| **Approx. Quantity to be Impacted*** | 900 SF |
| **Location:** | Library and Innovation Lab Floors |
| **Comments:** | **Remove multi-colored floor mastic material adequate to accommodate the renovation Project. Perform all work within a negative pressure containment using wet methods, in accordance with attached specifications.** |

| | |
|---|---|
| **Area 12:** | Building B4-B5 |
| **Method:** | Full-Containment |
| **Material:** | Multi-Colored Carpet Mastic |
| **Cal-OSHA Abatement Activity Class** | I |
| **Percent Asbestos** | 5% Chrysotile |
| **Approx. Quantity to be Impacted*** | 1,800 SF |
| **Location:** | Classroom B4 and B5 Floors |
| **Comments:** | **Remove multi-colored carpet mastic material adequate to accommodate the renovation Project. Perform all work within a negative pressure containment using wet methods, in accordance with attached specifications.** |

| | |
|---|---|
| **Area 13:** | Building B6-B8 |
| **Method:** | Full-Containment |
| **Material:** | Black Mastic |
| **Cal-OSHA Abatement Activity Class** | I |
| **Percent Asbestos** | 5% Chrysotile |
| **Approx. Quantity to be Impacted*** | 1,800 SF |
| **Location:** | Classrooms B 7 and B8 Floors Under Blue Carpet |
| **Comments:** | **Remove black mastic material adequate to accommodate the renovation Project. Perform all work within a negative pressure containment using wet methods, in accordance with attached specifications.** |

| | |
|---|---|
| **Area 14:** | Building B6-B8 |
| **Method:** | Full-Containment |
| **Material:** | Black Glue |
| **Cal-OSHA Abatement Activity Class** | I |
| **Percent Asbestos** | 5% Chrysotile |
| **Approx. Quantity to be Impacted*** | 900 SF |
| **Location:** | Classroom B6 Floor Under Black Carpet |
| **Comments:** | **Remove black glue material adequate to accommodate the renovation Project. Perform all work within a negative pressure containment using wet methods, in accordance with attached specifications.** |

***Note: The quantities of asbestos containing material in this scope of work are approximate. It is the responsibility of the abatement contractor to verify the actual quantities of materials to be abated during their demolition drawing review and the job walk for preparation of their bid.**

## VIII Monitoring and Clearance Requirements

| Area | Inspection | Air Clearance Type and Number |
|---|---|---|
| 2,3 | Visual | PCM work area and perimeter progress air monitoring |
| 1,4-14 | Visual | 5 PCM<br>per each work area where asbestos abatement is less than 160 S.F. or 260 L.F. otherwise TEM will be required. |

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PATRIOT
Environmental Laboratory Services, Inc.

# Specifications for Asbestos Abatement Work at Warner Middle School 14171 Newland Street Westminster, CA 92683

**October 10, 2023**
**Patriot Project No. OC164905**
**PO No. T6000779**

Prepared For
**Westminster School District**
14121 Cedarwood Avenue
Westminster, CA 92683

Prepared By
Patriot Environmental Laboratory Services, Inc.
1041 S. Placentia Avenue
Fullerton, California 90230

ASBESTOS ABATEMENT

PART 1 – GENERAL

1.01 SUMMARY

A. Section Includes:

1. Abatement of building and/or structure related Asbestos.

2. Removal of building and/or structure related Asbestos.

**3. Attachment A**.

B. Regulatory Requirements shall include, but not be limited to:

1. U.S. Environmental Protection Agency Regulations for Asbestos (Title 40, Code of Federal Regulations, Part 61, Subparts A & B, and Part 763, Subpart E.)

2. Title 8, Article 4, California Code of Regulations Construction Industry Safety Orders, Section 1529 "Asbestos" or current revised California regulations.

3. South Coast Air Quality Management District (SCAQMD) Rule 1403.

1.02 SECTION DEFINITIONS AND ACRONYMS

A. Abatement – Procedures to control fiber release from Asbestos Containing Materials or Asbestos Containing Construction Materials. Includes Removal, Encapsulation, Enclosures, repair, Demolition, and Renovation activities.

B. AHERA - Asbestos Hazard Emergency Response Act, 40 CFR, Part 763, Subpart E, and subsequent amendments.

C. Air Filtration and Ventilation System - A portable exhaust system, furnished with HEPA filtration, and capable of maintaining a constant air flow into a Regulated Area from adjacent areas and exhausted outside the Regulated Area.

D. Amended Water - Water to which a surfactant (wetting agent) has been added.

E. ANSI - American National Standards Institute

F. Asbestos - Means the asbestoform varieties of chrysotile (Serpentine); crocidolite (Riebecktite); amosite (cummingtonitegrunerite); anthophyllite; tremolite; and actinolite.

G. Asbestos Containing Construction Material (ACCM) – Means any manufactured construction material which contains more than one tenth of one percent (0.1%) Asbestos by weight.

H. Asbestos Containing Material (ACM) – Means any material containing more than one-percent (1%) Asbestos.

I. Asbestos Containing Waste (Non-hazardous) – Non-Friable Asbestos Containing Material including, but not limited to, floor covering, roofing materials and cementitious materials requiring disposal.

J. Asbestos Containing Waste (Hazardous) – Friable Asbestos Containing Materials and Asbestos contaminated objects and debris requiring disposal.

K. ASTM - American Society for Testing and Materials

L. Building ID Number or Code - A six digit alphanumeric identification code assigned to each building on an Owner site, also referred to as the insurance code, ID number or similar terms.

M. Bulk Samples - Samples of building or other materials collected for analysis to determine the presence and quantities of Asbestos.

N. Clean Room - An uncontaminated area or room, which is a part of the worker Decontamination Enclosure System with provisions for storage of worker's street clothes and clean protective equipment.

O. Competent Person - Has the same meaning as defined in the California Code of Regulations Title 8, as it relates to, "Competent Person."

P. Curtained Doorway – A device to allow ingress and egress from one room to another while permitting minimal air movement between the rooms, typically constructed by placing two overlapping sheets of plastic over an exiting or temporarily framed doorway, securing each along the top of the doorway, securing the vertical edge of one sheet along one vertical side of the doorway and securing the vertical edge of the other sheet along the opposite vertical side of the doorway. Other effective designs may be submitted for review.

Q. Decontamination – The process of eliminating Asbestos contamination from building surfaces, objects, and property, by cloths, mops, or other utensils dampened with water and disposed of afterwards as Asbestos contaminated waste.

R. Decontamination Enclosure System – Means an enclosed area, which is adjacent and connected to the Regulated Area, consisting of an Equipment Room, Shower Room, and Clean Room for the Decontamination of workers, materials, and equipment contaminated with Asbestos.

S. Demolition - The wrecking or taking out of any load supporting structural member of a facility together with any related handling operations.

T. DOSH - Division of Occupational Safety & Health or Cal/OSHA

U. DOT – Department of Transportation

V. DTSC – Department of Toxic Substances Control

W. Encapsulating Material - A liquid material applied to Asbestos-containing materials which controls the possible release of Asbestos fibers from the material either by creating a membrane over the surface (bridging agent) or by penetrating into the material and binding its components together (penetrating Encapsulating Material).

X. Encapsulation - The application of an Encapsulating Material to Asbestos Containing Materials to prevent the release of Asbestos fibers into the air.

Y. Enclosure - The construction or application of an airtight, impermeable, permanent barrier around Asbestos-containing material to control the release of Asbestos fibers into the air.

Z. Equipment Decontamination Enclosure System - That portion of a Decontamination Enclosure System designed for controlled transfer of materials and equipment into or out of the Regulated Area.

AA. Hazardous Waste - Means Friable Asbestos generated and prepared for waste disposal. Does not include non-friable material or materials containing less than one-percent Asbestos as determined by the point counting method.

BB. Equipment Room - A room within the worker Decontamination Enclosure System with provisions for storage of used clothing and equipment.

CC. Facility Component – Means any part of a facility including equipment.

DD. Fixed Object - A piece of equipment, furniture, or improvement in the Work area, which cannot be removed from the Work area.

EE. Friable Asbestos - Asbestos Containing Material which, when dry, can be crumbled, pulverized or reduced to a powder by hand pressure or as defined by current regulatory rules and/or regulations.

FF. Glove Bag Technique - A method with limited applications for removing small amounts of Asbestos Containing Material from short piping runs, valves, joints, elbows, and other non-planar surfaces in a Work area. The glove bag assembly is a manufactured or fabricated device consisting of a glove bag (typically constructed of 6 mil transparent polyethylene or polyvinyl chloride plastic), two inward projecting long sleeves gloves, an internal tool pouch, and labeled for Asbestos waste. The glove bag is constructed and installed in such a manner that it surrounds the object or material to be removed and contains all Asbestos fibers released during the process. All workers who are permitted to perform the Glove Bag Technique shall be thoroughly trained, experienced, and skilled in this method.

GG. HEPA Filter - Means a filtering system capable of trapping and retaining at least 99.97% of all mono-dispersed particles 0.3 microns in diameter or larger. For respirators this shall include NIOSH rated P-100 cartridges only.

HH. HEPA Vacuum - A vacuum system furnished with HEPA filtration.

II. High Volume Vacuum - A vacuum system with the capacity to collect material through a four (4) inch diameter hose a minimum distance of 150 feet. This system shall be furnished with HEPA Filter at the air exhaust port and water applicators within the hopper.

JJ. Holding Area – An airlock chamber in the equipment Decontamination Enclosure located between the washroom and an uncontaminated area.

KK. HVAC – Heating, Ventilation, and Air Conditioning System.

LL. Location Code - Refers to a unique four digit numeric code assigned by the Owner to each of its Project sites.

MM. Lockdown Coat – A material applied to surfaces where asbestos has been completely removed. The manufacturer shall determine the concentration of this material.

NN. Member – A component part of a structure complete in itself.

OO. Movable Object - A portable piece of equipment or furniture in the Work area, which can be removed from the Work area.

PP. NESHAP - National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)

QQ. NIOSH - National Institute for Occupational Safety and Health

RR. Outside Air - Air outside of buildings and structures.

SS. Owner Consultant (OC) - Refers to the firm, company or individual designated by the Owner.

TT. PCM - Phase Contrast Microscopy as it relates to clearance air, personal protection assessment, and ambient air monitoring. This procedure must follow the NIOSH Method 7400, Asbestos Fibers by PCM.

UU. PLM - Polarized Light Microscopy used for bulk sample analysis with dispersion staining for the determination and quantifying of Asbestos in Bulk Samples building materials.

VV. Regulated Area - Designated rooms, spaces, or areas of the Project in which Asbestos Abatement actions are to be performed or which may become contaminated as a result of Abatement activities. A contained Work area is a Work area, which has been sealed and furnished with a Decontamination Enclosure System. A non-contained Work area is an isolated or controlled access Work area, which has not been sealed or furnished with a Decontamination Enclosure System.

WW. Removal – Means all operations where all ACM and/or PACM is removed or stripped from structures or substrates including Demolition.

XX. Renovation – Means the modifying of any existing structure, facility, or portion thereof.

YY. SCAQMD – South Coast Air Quality Management District

ZZ. Shower Room - A room between the Clean Room and the Equipment Room in the worker Decontamination Enclosure furnished with hot and cold running water controllable at the tap, and suitably arranged for complete showering during Decontamination.

AAA. Staging Area - Either the Holding Area, or other areas near the Waste Transfer Airlock where containerized Asbestos waste is temporarily placed prior to permanent removal from the Work area.

BBB. Surfactant - A chemical wetting agent added to water.

CCC. TEM - Transmission Electron Microscopy as defined for Asbestos clearance air monitoring within AHERA. This procedure must follow the NIOSH Method 7402, Asbestos Fibers by TEM.

DDD. TSI - Thermal System Insulation as defined in AHERA.

EEE. USEPA or EPA – United States Environmental Protection Agency

FFF. Visible Emissions - Any emissions from a known or suspected Asbestos material that is visually discernible.

GGG. Waste Transfer Airlock - A Decontamination system provided for transferring containerized waste from inside to outside of the Work area.

## 1.03 POLICIES AND PROCEDURES

A. The Owner has a zero tolerance policy for uncontrolled Asbestos releases during construction or Abatement Work. An Asbestos release requiring an emergency response is any uncontrolled release of Asbestos Containing Construction Materials. The Owner shall be immediately notified of all such uncontrolled releases.

B. Pre-qualified Asbestos Abatement Subcontractors are not permitted to subcontract any Abatement Work to a lower tier Subcontractor without the prior written approval of the Owner.

C. Where ACM is damaged or disturbed, all Work in that room shall cease, the room vacated immediately, the Owner Consultant notified of the disturbance with corrective action provided as required by the Owner Consultant.

1.04 ROLES AND RESPONSIBILITIES

A. Roles and Functions:

1. Coordinate the Work of this section directly with the Owner and/or Owner Consultant.

2. All Work under this section shall be performed in strict accordance with all applicable Federal, State, and Local regulations, standards, and codes governing Asbestos Abatement and any other Work performed in conjunction with the Abatement Work.

3. The most recent edition of any relevant regulation, standard, document, or code is in effect. Where conflict among the requirements or with this Specification exists, the most stringent requirement shall be provided.

1.05 SITE SECURITY

A. The Work area shall be restricted to authorized, trained, and protected personnel. A list of authorized personnel shall be established by the Owner Consultant prior to commencement of the Work and posted at the entrance of the worker Decontamination System.

B. Report to the Owner Consultant any unauthorized entry into the Work area. Following notification, a written report of the incident shall be provided to the Owner Consultant.

C. A logbook shall be maintained at the entrance of the worker Decontamination system. All persons entering the Work area shall record their name, company affiliation, time in, and time out for each entry and exit.

D. Access to the Work area shall be through the worker Decontamination system. All other means of access shall be blocked or locked so as to prevent entry to or exit from the Work area. The only exceptions are the waste-pass out airlock, which shall be sealed except during the Removal of containerized Asbestos waste from the Work area, and emergency exits in case of fire or accident. Emergency

exits shall be operable from inside the Work area, however they shall be sealed with polyethylene sheeting and tape.

E. Maintain Work area security during Abatement Work. All Work areas and ancillary equipment accessible to non-authorized personnel shall be protected from unauthorized access by constructing a minimum barrier of 3/8 inch CDX plywood supported by 2" x 4" studs, 16 inches on center. Height shall be as required to safely access Regulated Area. An access door shall be provided with hasp and padlock sufficient to prevent unauthorized entry. A key shall be provided to the Owner and Owner Consultant. Required barriers within an occupied building shall be furnished with sheathing as required by state and local fire protection regulations.

F. The protective barrier for a High Volume Vacuum shall be a minimum of eight (8) feet in height. Barriers for these systems may be constructed of chain link type fencing instead of the specified barriers. Such fencing, if provided, shall be covered with an opaque covering resistant to environmental conditions. This barrier system shall be maintained at all times while the enclosed equipment is on the Project site.

G. Unless otherwise specified, remove all barriers upon completion of the Work of this section. Repair and/or replace to original condition, all damage resulting from installation, use, and removal of the barriers.

1.06 EMERGENCY PLANNING

A. Emergency planning and procedures shall be developed, submitted, reviewed, and agreed to by the Owner prior to the commencement of Abatement Work.

B. Emergency procedures shall be provided in the written languages understood by all employees working on the Project and shall be prominently posted at the entrance of the Decontamination Enclosure System. Prior to entering the Work area, all parties must read and sign these procedures to acknowledge receipt and understanding of the Work site layout, location of emergency exits, and emergency procedures.

C. Emergency planning shall consider the effects of fire, explosion, toxic atmospheres, electrical hazards, slips, trips and falls, confined spaces, and heat related injury. Develop and provide written procedures and training to all employees.

D. Employees shall be trained in evacuation procedures in the event of workplace emergencies.

E. In the event of non-life threatening situations requiring medical treatment, injured or otherwise incapacitated employees shall decontaminate following normal procedures with assistance from fellow workers if necessary, before exiting the Work area.

F. In the event of life threatening injury or illness requiring immediate medical treatment, worker Decontamination shall be given minimum priority. Provide all measures to stabilize the injured worker, remove them from the Work area and secure proper medical treatment.

G. Telephone numbers of all emergency response personnel shall be prominently posted at the entrance of the Decontamination Enclosure System along with the location of the nearest telephone. In addition to the 911 emergency number, post the address and telephone number of the nearest emergency medical services provider.

H. Provide at least one (1) employee on the Project site at all times during progress of the Work that is trained and certified in first aid and cardiopulmonary resuscitation (CPR). This employee shall be identified by name and proof of training shall be provided to the Owner Consultant prior to the commencement of the Work of this section.

I. Provide at least one (1) 4A/60BC dry chemical extinguisher in the Equipment Room and one (1) at each corner of workspace areas in excess of 1,000 square feet. All workers shall be trained in the proper operation of fire extinguishers.

J. Emergency exits shall be provided and clearly marked with arrows or other clearly visible markings to permit easy identification from anywhere within the Work area. Exits shall be secured to prevent access from uncontaminated areas while still permitting emergency egress. Exits shall be properly sealed with polyethylene sheeting, which can be cut to permit emergency egress. Emergency exits may lead through the worker Decontamination Enclosure, the waste removal airlock or other alternative exits as required by fire officials.

1.07 LICENSING

A. The Work of this section shall be performed by an entity duly licensed in the State of California in accordance with the provisions of Chapter 9 of Division 3 of the Business and Professions Code, as amended. The Work of this section shall be performed by an entity holding a license with an "ABS" Asbestos Certification as issued by the Contractors State License Board.

B. The entity performing the Work of this section shall be registered with the Department of Industrial Relations in accordance with the provisions of Section 6501.5 of the California Labor Code.

1.08 ASBESTOS RELATED REQUIREMENTS

A. Qualifications:

1. Comply with the provisions of the California Labor Code, Division 5, Part 1, as it pertains to safety in employment and the applicable provisions of Title 8, Chapter 4, Subchapters 1 through 21, California Code of Regulations (CCR) as it pertains to Occupational Safety and Health, and Subchapter 7, Section 5208 Article 4, and Section 1529, Asbestos Regulations.

2. Electrical Work shall be performed as part of the Work of Division 16 and all those who enter a Regulated Area are required to possess a current EPA certification as an Asbestos worker.

B. Abatement Activities:

1. The Asbestos Abatement Work shall be performed by persons who comply with all applicable Federal, State, and local regulations including AHERA certified training.

2. Supply all labor, materials, services, insurance, permits and equipment necessary to perform the Work in accordance with all applicable Federal, State, and Local regulations and this Specification.

3. Collect pre-Abatement air samples. Results shall be submitted prior to commencement of the Work of this section. Include location of Samples, name of air sampling professional, equipment, and methods utilized for sampling and analysis.

4. Submit weekly job progress reports detailing Abatement activities for Projects with schedules that exceed thirty days. Include review of progress with respect to previously established Milestones and schedules, major problems and action taken, injury reports, equipment breakdown, and air sampling results.

5. Within five (5) workdays of transport and/or disposal, submit copies of all transport manifests, disposal receipts, and weight certificates for all Asbestos waste removed from the Work area during the Abatement process. Weight certificates shall indicate in pounds the net weight of waste disposed from the Project site as indicated on the manifest.

6. Submit copies on a daily basis of the Work site entry logbooks.

7. Submit logs on a weekly basis documenting filter changes on respirators, HEPA Vacuums, HEPA Filtered ventilation units, water filtration units, and other approved engineering controls.

8. Submit results of air sampling data collected during the course of the Abatement Work including Cal/OSHA compliance air monitoring results.

9. Submit results of materials testing conducted during the Abatement Work for purposes of utilization during Abatement activities. (i.e., depth test, substitution materials, etc.)

10 Post at the entrance of the Decontamination Enclosure System a list containing the names, addresses, and telephone numbers of the entity performing the Work of this section, designated Competent Person, the Owner and/or Owner Consultant, the testing laboratory and any other personnel who may be required to access the Work area or perform services during the Abatement Work.

11. For employee review, post at the entry of the Work area a copy of the scope of Work, special conditions, the current standard Specifications, and the applicable prevailing wage.

1.09 SUBMITTALS

A. Provide in accordance with Division 01 and this section.

B. Prior to commencement of the Work of this section, submit the following notices, documentation, Shop Drawings, and Product Data:

1. For Projects involving Asbestos-containing materials 100 square feet or more, provide a typed written notification in accordance with 40 CFR Part 61.146 of Subpart M, to the SCAQMD and the Division of Occupational Safety and Health prior to start of the Work. For Projects within the geographical limits of Los Angeles City, provide an additional notice to the Los Angeles City Fire Department, marked "COURTESY COPY."

2. Submit to the Owner, satisfactory proof the required permits, site location, and arrangements for transport and disposal of Asbestos Containing Waste materials have been completed in accordance with California Health and Safety Code, Section 25143.7. Obtain and submit a copy of handling procedures and a list of protective equipment utilized for Asbestos disposal at the landfill.

3. Submit to the Owner satisfactory documentation that all employees, including foremen, supervisors, and any other company personnel or agents who may be exposed to airborne Asbestos fibers or who may be responsible for any aspects of Abatement Work, have received adequate training that includes, at a minimum, information as described within this section and as required by AHERA.

4. Prior to commencement of Abatement Work, all personnel required to construct and enter the Work area or handle containerized Asbestos-containing materials shall have received adequate training, in accordance with the requirements of this Specification and by 40 CFR, Part 763, Subpart E (AHERA) and Title 8, Section 1529, of the California Code of Regulations applies.

5. Special Project site training for equipment and procedures unique to this Project site shall be provided as required.

6. Training in emergency response and evacuation procedures shall be provided to all personnel performing Work of this section.

7. Submit documentation from a physician certifying that all employees are medically monitored and are physically capable of working while wearing the required respiratory protection without suffering adverse health effects as required by California D.O.S.H. regulations. The certification shall state that the employee or agent is approved to work with Asbestos and wear a respiratory protection without restrictions. Provide information to the examining physician about unusual conditions in the workplace environment that may impact on the employee's ability to perform Abatement Work activities.

8. Submit Shop Drawings for layout and construction of Decontamination Enclosure Systems and barriers for isolation of the Work area as detailed in this Specification and required by applicable regulations.

9. Submit manufacturer's certification that HEPA Vacuums, air filtration units, and other local exhaust ventilation equipment complies with ANSI Z9.2-79.

10. Submit Product Data verifying that all air filtration devices (i.e., air filtration units and vacuums) have been registered or certified, as applicable, in compliance with the SCAQMD.

11. If rental equipment is to be furnished in Abatement Work areas or to transport Asbestos contaminated waste, written notification concerning the

intended use of the rental equipment shall be provided to the rental agency with a copy submitted to the Owner.

12. Document NIOSH approvals for all respiratory protective devices furnished for the Work. Include manufacturer certification of HEPA filtration capabilities for all cartridges and filters.

13. Submit documentation of respirator fit testing for all employees and agents entering the Work area. This fit testing shall be performed in accordance with DOSH regulations.

14. Submit a Sample of all forms to be used in documenting required items to be submitted and/or reviewed.

C. Provide all other required submittals specified as part of the Work of this section.

1.10 PRE-ABATEMENT MEETING

A. Attend a meeting to be held prior to the commencement of Abatement Work. Attending this meeting shall be representatives of the Owner, the Owner Consultant if applicable, and the testing/monitoring personnel who shall actually participate in the testing/monitoring program. Secure the attendance of the individual who will be the Project site Competent Person for the Abatement Work.

B. At this meeting provide all required submittals except for those to be submitted during progress of the Work. In addition, provide detailed information concerning:

1. Preparation of Work area and Shop Drawings.
2. Personal protective equipment, including respiratory protection and protective clothing.
3. Employees who will participate in the Project, including delineation of experience, training, and assigned responsibilities during the Work.
4. Decontamination procedures for personnel, Work area, and equipment.
5. Abatement methods and procedures to be provided.
6. Required air monitoring procedures (pre-Abatement, Cal/OSHA mandatory and SCAQMD requirement).
7. Procedures for handling and disposing of waste materials, including disposal facility.
8. Procedures for final Decontamination and cleanup.
9. A sequence of Work activities and performance schedule.
10. Procedures for dealing with heat stress.
11. Emergency procedures.

1.11 CLOSE OUT DOCUMENTATION

A. Provide the following close out documentation:

1. Filter change logs for all air filtration units, water filtration units and respirators.
2. Foreman's daily job reports.
3. Employee entry/exit logs for all containment.
4. Visitor entry/exit logs for all containment.
5. Manometer printout reports for all applicable containment.
6. Air sample results for personnel, Work areas and air filtration units.
7. Copies of all hazardous and non-Hazardous Waste manifests.
8. All Hazardous Waste weight tickets.
9. All signed Daily Personnel Report Forms.
10. Signed code of conduct form from each employee working on a Project.
11. Signed Asbestos Abatement Project Personnel Logs.

B. Receipt of the last workday attendance log and the daily personal monitoring results shall be submitted within (2) two days upon completion of the Work of this section.

PART 2 – PRODUCTS

2.01 Materials and Equipment:

A. Materials

1. General:

a. Deliver all materials in the original sealed packages, containers, or bundles bearing the name of the manufacturer and brand name.

b. Store all materials subject to damage off the ground, away from wet or damp surfaces, and under cover sufficient enough to prevent damage or contamination. Replacement materials shall be stored outside of the Work area until area is cleared for normal occupancy.

c. Damaged, deteriorating or previously used materials shall not be furnished and shall be removed from the Project site and legally disposed of.

e. A sufficient supply of disposable mops, rags, and sponges for Work area Decontamination shall be provided.

f. Unless otherwise specified, the Owner will provide water and power for construction purposes. Connect to existing system as required.

2. Asbestos Related:

a. All plastic, polyethylene sheeting or visqueen shall be a fire-retardant type. Provide documentation from the manufacturer verifying compliance with this requirement.

b. A minimum of two layers of 4-mil polyethylene sheeting shall be installed for walls. For floors and all other installations, polyethylene sheeting of at least 6-mil thickness shall be furnished in sufficient widths to minimize the frequency of joints.

c. Method of attaching polyethylene sheeting shall be reviewed prior to installation and/or commencement of Abatement Work. Method of attaching polyethylene sheeting shall not cause damage to equipment, finish surfaces, or other property.

d. Polyethylene sheeting furnished for the Decontamination Enclosure System shall be opaque white or black in color and shall be a minimum of 6-mil thick.

e. Disposal bags shall be of 6-mil polyethylene, pre-printed with labels as required by SCAQMD and applicable Cal/OSHA and DOT requirements.

f. Apply labels as per SCAQMD, Cal/OSHA, and DOT requirements for disposal containers.

g. Provide warning signs as required by CAL/OSHA.

h. Surfactant (wetting agent) shall be a material that, when tested, demonstrates a surface tension of 29 dynes/cm as tested in its properly mixed concentration, using ASTM method D1331-56- "Surface and Interfacial Tension of Solutions of Surface Active Agents." Where Work area temperature may cause freezing of the Amended Water solution, the addition of an approved antifreeze in a manufacturer recommended amount is permitted.

B. Equipment

1. General:

a. All equipment delivered to the Project site shall be free of all Asbestos and/or fibrous debris. No equipment with Asbestos and/or fibrous debris in or on it is permitted on Owner properties.

b. Provide sufficient lighting to illuminate the Work area for safe visual working conditions and to clearly examine all surfaces.

c. Provide a sufficient supply of scaffolds, ladders, lifts, and hand tools that meet all applicable Federal, State, and local regulations.

d. Provide non-metallic dustpans, squeegees, and shovels for cleanup.

2. Asbestos Related:

a. A sufficient quantity of air filtration ventilation units furnished with HEPA filtration and operated in accordance with ANSI Z9.2-79 and EPA guidance documents shall be furnished to provide one workplace air change every 15 minutes creating a pressure differential of 0.02 inches of water everywhere within the Enclosure when compared to the pressure outside the Enclosure. For small Enclosures and glove bags, a HEPA Filtered vacuum system may be furnished to provide the pressure differential. A log documenting the filter change history of each unit is required before use. Any unit without this log shall have all filters changed and the unit decontaminated.

b. Provide a printable manometer for determining and recording the pressure differential within the isolated Work area as compared with the ambient environment. A printed record is required for the duration of the Project. The manometer shall operate 24 hours per day with a printed differential reading not to exceed fifteen (15) minute intervals.

c. High volume vacuum equipment shall be provided during all soil Removal operations unless otherwise specified.

d. Provide sprayers with pumps in a quantity capable of providing Amended Water in sufficient quantities to adequately wet materials to be abated.

e. Non-skid footwear shall be worn by all Abatement workers. Disposable clothing shall be adequately sealed to the footwear to prevent body contamination.

f. Provide additional safety equipment to all workers and authorized visitors.

g. When disposal containers are delivered to a Project site, all four (4) wheels of each container shall be moved and rested upon a sheet of plywood no smaller than 4' X 4' X 3/4" minimum.

2.02 EMPLOYEE PERSONAL PROTECTION EQUIPMENT

A. Respiratory Protection:

1. Respirators shall be provided for protection from particulate contaminants as required by the National Institute of Occupational Safety and Health.

2. The respirators provided shall furnish a maximum protection factor no less than the fiber concentration of the Work area. When powered air purifying respirators are provided, a sufficient supply of charged replacement batteries, filters, and a flow test meter shall be provided in the Clean Room area. Air purifying respirators with dual HEPA Filters may be provided during Work area preparation activities.

3. Provide spectacle kits and eyeglasses for employees who wear glasses and must wear full-face respirators.

B. Fit Testing:

1. Workers must perform positive and negative air pressure fit tests each time a respirator is donned, whenever the respirator design so permits. Powered air purifying respirators shall be tested for adequate flow as specified by the manufacturer.

2. Workers shall be undergo a qualitative fit test in accordance with procedures detailed in the D.O.S.H. requirements for all respirators to be provided for this Abatement Project. An appropriately administered quantitative fit test may be substituted for the qualitative fit test.

3. Documentation of adequate respirator fit must be provided to the OC.

4. No one wearing a beard shall be permitted to don a respirator and enter the Work area.

5. A minimum of two additional respirators of each type and training on their donning and use must be provided at the Work site for authorized visitors required to enter the Work area.

C. Protective Clothing:

1. Full body disposable protective clothing, including head, body, and foot coverings, shall be provided to all workers and authorized visitors in sizes adequate to accommodate movement without tearing.

2. Disposable clothing including head, foot, and full body protection shall be provided in sufficient quantities and adequate sizes for all workers and authorized visitors.

3. A new suit shall be donned upon each entry to the Abatement Work area.

4. Hard hats, protective eye wear, gloves, rubber boots and/or other footwear shall be provided as required for workers and authorized visitors. Safety shoes may be required and shall be provided.

PART 3 - EXECUTION

3.01 WORK AREA PREPARATION AND ABATEMENT PROCEDURES

A. Work Area Preparation

1. Shut down and lock out all heating, cooling and air conditioning systems (HVAC) components that are located in, supply, or pass through the Work area. Seal all intakes and exhaust vents in the Work area with tape and 6-mil polyethylene. Seal all seams in any system components that pass through the Work area.

2. Provide and post signs at all locations and approaches to the Regulated Area. The signs shall comply with Cal/OSHA regulations.

3. In conjunction with the Owner, shut down and lock out/tag out electric power to all Work areas. Provide equipment for temporary power with ground fault interrupters and lighting sources. Temporary power sources and equipment shall comply with all applicable electrical code requirements and Cal/OSHA requirements for temporary electrical systems. The Owner shall perform all electrical connections of electrical cable and equipment provided as part of the Work of this section to existing Owner systems. The Owner shall pay for the costs of electric power consumed during performance of the Work of this section, unless otherwise noted.

4. Clean and seal off all windows, doorways, elevator openings, corridor entrances, drains, ducts, grills, grates, diffusers, skylights, and any other openings between the Work area and areas outside of the Work area with 6-mil polyethylene sheeting and tape prior to proceeding with required cleaning.

5. Clean all Movable Objects within the Work area with a HEPA Filtered vacuum and wet cleaning methods. After cleaning, these objects shall be removed from the work area and carefully stored in a location designated by the Owner.

6. Clean all Fixed Objects in the Work area with a HEPA Filtered vacuums and wet cleaning methods. Careful attention shall be given to machinery behind grills or gratings where access may be difficult but contamination is present. Cleaning of walls, floors, and ceilings behind fixed items is required. After cleaning, enclose Fixed Objects in 6-mil polyethylene sheeting and seal securely in place with durable tape.

7. Clean all surfaces in the Work area with a HEPA Filtered vacuums and wet cleaning methods. Do not utilize any methods, such as dry sweeping or vacuuming, with equipment not furnished with HEPA Filters thereby creating airborne dust and particulates. Do not disturb Asbestos Containing Materials during this cleaning phase.

8. Floors shall be covered with two layers of 6-mil (minimum) polyethylene sheeting. Additional layers of sheeting may be furnished as drop cloths for cleanup of bulk materials.

9. Polyethylene sheeting shall be sized and installed to minimize seams. If the floor area to be covered requires seaming, seams on successive layers of polyethylene sheeting shall be staggered a minimum of six feet between each seam to reduce the potential for water penetration into the existing flooring. Do not install seams at the junction between a wall and floor.

10 Polyethylene sheeting installed on a floor shall extend at least 12 inches up the sidewalls of the Work area.

11. Polyethylene sheeting shall be installed so as to prevent slippage between successive layers of installed material.

12. Walls shall be covered with two (2) layers of 4-mil minimum thickness polyethylene sheeting.

13. Polyethylene sheeting installed on a wall shall overlap floor sheeting by at least 12 inches beyond the wall/floor joint to provide a seal against water damage.

14. Polyethylene sheeting installed on a wall shall be adequately fastened to prevent it from falling away from the walls. Provide additional support/attachment when air filtration ventilation systems are provided.

15. Provide one (1) layer of 3-mil maximum, polyethylene sheeting (non-fire retardant type for isolation of fire sprinkler devices. Installed taping shall not impede the normal function of the fire sprinkler device. Approved wire sprinkler guards shall be furnished in conjunction with isolation.

16. Install and operate air filtration equipment to provide one air change in the Work area every 15 minutes. Openings made in the Enclosure System to accommodate these units shall be made airtight with durable tape and/or caulking as needed. If more than one unit is installed, they shall be turned on one at a time, checking the integrity of all barriers after each unit is started. Insure that adequate power supply is available to satisfy the requirements of the air filtration units. Exhaust from these units shall be directed to the outside of the building whenever feasible. They shall not be exhausted into occupied areas of the buildings. Exhaust duct shall be extended from the Work area to the outside as required. Careful installation and daily inspections shall be performed to verify the exhaust ducts do not discharge into any areas of the building.

17. Once the Enclosure system is constructed and reinforced with air filtration units in operation as required, test the Enclosure for leakage utilizing smoke tubes. Repair, replace or reconstruct as required.

18. Following completion of the construction of all polyethylene barriers and Decontamination Enclosure System, operate the air filtration units overnight to insure the barriers will remain intact and secured to walls and fixtures before beginning actual Abatement Work.

19. Commencement of the Work of this section shall not occur until:

    a. The entire containment system has been constructed and inspected in accordance with the required Shop Drawings.
    b. Air filtration units are functioning within the requirements of this section.
    c. All pre-Abatement submittals, notifications, postings, and permits have been provided and reviewed by the Owner Consultant.
    d. All equipment for Abatement, Decontamination, and disposal are on the Project site.
    e. All worker training, respirator fit testing, and medical surveillance has been provided and reviewed by the Owner Consultant.
    f. A Notice to Proceed is transmitted by the Owner.

3.02 DECONTAMINATION ENCLOSURE SYSTEM

A. Decontamination Enclosure Systems shall be provided at all locations where workers will enter or exit the Work area prior to any other set up. Only one system at a single location for each Regulated Area is required. At least one individual shall be stationed at the entrance of each system at all times Work is in progress.

B. These systems may consist of existing rooms outside of the Work area, if the layout permits, and that can be enclosed in polyethylene sheeting, and are accessible from the Work area. If this intended layout is not feasible, given existing site conditions, Enclosure systems may be constructed out of metal, wood, or plastic support as required.

C. Decontamination Enclosure Systems constructed at the Project site shall be furnished with 6-mil opaque white or black polyethylene sheeting or other reviewed materials for privacy. Detailed descriptions of portable, prefabricated units, if furnished, shall be submitted for review. Shop Drawings must include floor plan with dimensions, materials, size, thickness, plumbing, and electrical utilities.

D. The system shall consist of at least a Clean Room, a Shower Room, and an equipment room, each separated from the other, from the Work area and from the non-Work area by "Z-flaps" at a minimum. The system shall be furnished with, at a minimum, two (2) layers of 6-mil polyethylene sheeting on the floors and walls.

E. Clean room shall be of adequate size to accommodate the Abatement crew. Clean work clothes, clean disposable clothing, replacement filters for respirators, disposable towels, and other necessary items shall be provided for in adequate supply adjacent to the Clean Room. A location for posting notices shall also be provided adjacent to this area. When required, a lockable door shall be furnished to control access into the Clean Room from outside the Work area. Comfort lighting, heat, and electricity shall be provided as required. This space shall not be used for storage of tools, equipment, materials, or as office space.

F. Shower room shall contain one or more showers as required to adequately accommodate workers. Each showerhead shall be supplied with hot and cold water adjustable at the tap. The shower Enclosure shall be constructed to ensure against any kind of leakage. Provide an adequate supply of soap, shampoo, and disposable towels, available at all times. Shower water shall be drained, collected, and progressively filtered through a system achieving a maximum particle size of 1.0 microns.

G. The Equipment Room shall be used for storage of equipment and tools at the end of a shift. These shall have been cleaned using a HEPA Filtered vacuum and wet cleaning methods. A container lined with a labeled 6-mil polyethylene bag for

collection of disposable clothing shall be located in this room. Reusable footwear shall be stored in this area after being cleaned.

3.03 WASTE CONTAINER REMOVAL AIRLOCK AND EMERGENCY EXITS

A. The waste container pass-out airlock shall be constructed away from the Decontamination Enclosure System. This airlock shall be in a location that provides direct access from the Work area to the outside of the building if possible.

B. This system shall consist of an airlock, container Staging Area, and another airlock providing access to outside the Work area.

C. The waste container airlock shall be constructed in similar fashion with similar materials as the Decontamination Enclosure System.

D. This airlock system shall not be used to enter or exit the Work area.

3.04 ALTERNATIVE PROCEDURES

A. Soil Removal

1. All required Abatement shall be performed prior to soil Removal.

2. If soil Removal is specified, all debris within or upon the soil shall be considered part of the soil and shall be removed as a contaminated waste. Debris includes, but is not limited to, fabric, paper, and other fibrous or porous materials.

3. It is not the intention of this section to require the Removal of large rocks, abandoned non-Asbestos-containing pipe, lumber and similar debris. If these types of conditions are encountered, clean and encapsulate these materials in place instead of removing them as a contaminated waste, provided Asbestos contamination is not ingrained within and/or affixed to them.

4. Soil shall be removed with a High Volume Vacuum system. Soil shall be removed to the hard pan unless otherwise specified or required.

5. After soil Removal has been completed, the Owner Consultant shall inspect the Work. Approval of the Removal Work is required prior to lock down and Encapsulation.

6. When soil requires Encapsulation following Asbestos Removal, including but not limited to, High Volume Vacuum removal, a continuous even coat

of encapsulating material shall be applied at the rate of no more than fifty (50) square feet per gallon.

B. Other:

1. All High Volume Vacuum systems shall be provided with an Enclosure constructed at the waste discharge port. This Enclosure shall be of sufficient size to accommodate the workers and disposal containers necessary for the Project. The Enclosure shall be constructed of one (1) layer, 6-mil minimum, of polyethylene sheeting. An air filtration unit shall be furnished during operation of the High Volume Vacuum.

2. Where pipe insulation is to be removed in a crawl space and/or attic space a single layer of 6-mil polyethylene sheeting with a minimum width of four (4) feet shall be placed centered under the Removal surfaces.

3. If specified procedures cannot be furnished, a written request shall be provided to the Owner outlining details of the problem encountered and recommended alternative solutions.

4. Alternative procedures shall provide equivalent or greater protection than the specified and/or required procedures.

5. Any alternative procedure requires the written approval of the Owner prior to implementation.

## 3.05 WORKPLACE ENTRY AND EXIT PROCEDURES

A. Before entering the Regulated Area all personnel shall read and be familiar with all posted regulations, personal protection requirements, and emergency procedures. A signature sheet shall be posted for signatory acknowledgement these have been reviewed and understood by all personnel prior to entry.

B. All workers and other authorized personnel shall enter the Work area through the Decontamination Enclosure System.

C. All personnel who enter or exit the Regulated Area shall sign the entry and exit log located adjacent to the Clean Room.

D. All personnel shall proceed first to the Clean Room, don respirator, and washable and/or disposable clothing.

E. General construction area equipment including, but not limited to, hard hats, eye protection, and gloves shall also be provided as required. Clean respirator and

cartridges, and protective clothing shall be provided and utilized by each person for each separate entry into the Regulated Area.

F. Before leaving the Regulated Area all personnel shall remove gross contamination from the outside of respirators and protective clothing by vacuuming and/or wet wiping methods. Each person shall clean bottoms of protective footwear just prior to entering the Equipment Room.

G. Personnel shall proceed to Equipment Room where they remove all protective equipment except respirators. Deposit disposable clothing into appropriately labeled containers.

H. Still wearing respirator, personnel shall proceed to the shower area, clean the outside of the respirators and the exposed face area under running water prior to removal of respirator then shower and shampoo to remove residual Asbestos contamination. Various types of respirators will require slight modification of these procedures. A powered air purifying respirator face piece will have to be disconnected from the filter/power pack assembly when such is not waterproof, upon entering the shower. A dual cartridge respirator may be worn into the shower and cartridges shall be replaced for each new entry into the Work area.

I. After showering and drying off, proceed to the Clean Room and don clean clothing.

J. At no time shall any personnel exit a Work area without being completely dressed. Any violation of this requirement will result in the permanent removal of the person from the Project site.

3.06 REMOVAL PROCEDURES

A. Brushes furnished for removing loose Asbestos Containing Material shall be furnished with nylon or fiber bristles. Metal or wire brushes are not permitted.

B. A sufficient supply of HEPA Filtered vacuum systems shall be provided during cleanup.

C. All barriers constructed to isolate the Regulated Area from other areas shall be inspected at least three times per shift; prior to the start of Abatement activities; half way into the shift; and following the completion of the Abatement activities at the end of the shift. Inspect and document observations in the daily Project log.

D. Damage and defects in the Enclosure system shall be repaired immediately upon discovery.

E. At any time during Abatement Work, following barrier installation, if visible debris is observed outside of the Regulated Area or damage occurs to the barriers,

stop Work immediately. Repairs shall be performed to the barriers and debris/residue shall be cleaned up with appropriate HEPA Vacuuming and wet wiping methods. These incidents shall be recorded in the daily Project log.

F. If air samples collected outside of the Work area during Abatement Work indicate airborne fiber concentrations greater than 0.01 f/cc or the pre-measured background levels (whichever is lower) Work shall stop immediately. An inspection and repair of barriers shall be performed as required. Surface cleaning with HEPA Vacuums and wet wiping methods of areas outside of the Work area may be required by the Owner. Findings, observations, and corrective actions shall be documented in the daily Project log.

3.07 ENCAPSULATION AND BRIDGING AGENTS

A. Clean and isolate the Work area in accordance with "Work Area Preparation" of this Section.

B. Repair damaged and missing areas of existing materials with non-Asbestos containing substitutes. Material shall adhere adequately to existing surfaces and provide an adequate base for application of Encapsulating Material. Filler material shall be installed in accordance with manufacturers recommended specifications.

C. Remove loose or hanging Asbestos Containing Materials in accordance with the requirements of "Removal Procedures" in this Section.

D. All lockdown and Encapsulating Material, and bridging agents shall be reviewed by the Owner Consultant prior to the commencement of the Work of this section.

E. Encapsulating Material shall be sprayed applied with airless spray equipment. Nozzle pressure shall be adjustable within a range of 400 to 1500 PSI.

F. Lock down coat shall be spray applied with low pressure providing a continuous even coat.

G. Bridging agents shall be a palm or brush grade.

H. All colorless lock down materials, Encapsulating Material, and bridging agents shall be furnished with a color additive. A different color shall be furnished for each separate coat of applied material.

I. Install penetrating type Encapsulating Material to penetrate existing sprayed Asbestos materials to a depth as required.

J During installation of the penetrating type Encapsulating Material, remove selected random core samples of the Asbestos Containing Materials in the presence of the Owner Consultant to verify depth of penetration.

K. Lock down coating and Encapsulating Material for installation on hot water, steam, or any other high temperature equipment shall be manufactured and recommended for installation on high temperature systems.

3.08 CLEAN UP PROCEDURES

A. Asbestos Clean Up Procedures:

1. Reusable footwear and kneepads shall be stored in the Equipment Room when not in the Work area. Upon completion of Abatement Work, these shall be disposed of as Asbestos contaminated waste or may be decontaminated at the completion of Abatement Work.

2. Remove and containerize all visible accumulations of Asbestos-containing material and Asbestos contaminated debris with rubber dustpans and rubber squeegees. Do not furnish or allow the use of metal shovels to pick up or move accumulated waste. Special care shall be taken to minimize damage to flooring materials.

3. Remove all containerized waste from the Work area and the waste container airlock.

4. Wet wipe all surfaces in the Regulated Area with unused rags, mops, and sponges as appropriate.

5. After cleaning remove the top layer of polyethylene sheeting from walls and floors.

6. Clean the second layer of polyethylene sheeting by wet wipe and HEPA Vacuuming. Windows, doors, HVAC system vents, and all other critical seals shall remain sealed until the Work area passes final clearance. The air filtration units shall remain in continuous operation and the Decontamination Enclosure System(s) shall remain in place and be utilized.

7. Decontaminate all tools and equipment and remove at the appropriate time in the cleaning process.

8. Provide notification to the Owner at least one (1) day in advance when Work will be completed and ready for final visual inspection. If, upon inspection, Work is not completed or the area does not pass final visual inspection, finish or correct the Work as required before again notifying

the Owner. Subsequent inspections shall commence not later than one (1) day following notice.

9. The Owner Consultant shall inspect the Work area for visible residue. If residue is observed, it shall be deemed to contain Asbestos and the cleaning process shall be repeated. The lock down coat shall be installed only after inspection by the Owner Consultant and during non-school hours.

10. The second layer of isolation shall only be removed after the Owner Consultant inspects the lock down coat or installed Encapsulation, but in no case prior to overnight drying of lock down coat or Encapsulation.

11. Following completion of air clearance monitoring the remaining barriers shall be removed and properly disposed of. A final visual inspection by the Owner Consultant shall be performed to verify that no contamination remains in the Work area. Unsatisfactory conditions may require additional cleaning and air monitoring.

3.09 WASTE HANDLING AND TRANSPORTATION

A. Asbestos Waste Handling

1. As the Work progresses, to prevent exceeding available storage capacity on the Project site, sealed and labeled containers of Asbestos Containing Waste shall be removed and transported to the prearranged disposal location.

2. Waste disposal shall occur at an authorized site in accordance with regulatory requirements of NESHAP and applicable State and Local regulations.

3. Once the drums, bags, and/or wrapped components have been removed from the Work area, they shall be loaded into an enclosed truck for transportation.

4. Personnel loading Asbestos waste shall be protected with disposable clothing and at a minimum half-face, air purifying, dual cartridge respirators furnished with HEPA Filters.

3.10 TRANSPORTATION OF NON HAZARDOUS WASTE

A. All waste shall be containerized, labeled, and transported in accordance with federal, state, and local regulations as required.

B. All waste shall be transported under cover a non-Hazardous Waste manifest.

C. All containers shall be enclosed at all times during transportation.

## 3.11 TRANSPORTATION OF HAZARDOUS WASTE

A. All dump receipts; trip tickets, transportation manifests, weight certificates or other documentation of disposal shall be delivered to the Owner Consultant within 48 hours of disposal. As the material and responsibility for the material changes hands, the generator or designee, the transporter(s), and the Disposal Site Operator shall sign the Uniform Hazardous Waste Manifest. If a separate waste hauler is employed, the name, address, U.S.E.P.A. ID number, and signature of the transporter shall also be affixed onto the manifest.

B. The enclosed cargo area of trucks or containers shall be free of debris and lined with 6 mil polyethylene sheeting to prevent contamination from leaking or spilled containers. Floor sheeting shall be installed first and extend up the sidewalls. Wall sheeting shall be overlapped and taped into place.

C. Drums shall be placed on level surfaces in the cargo area and packed tightly together to prevent shifting and tipping. Large structural components shall be secured to prevent shifting, with bags placed on top.

D. All access openings on large metal containers, which are used for storing or transporting Asbestos waste, shall have doors and tops that can be closed and locked. Materials not properly bagged shall not be placed in these containers or shall these containers be used for non-Asbestos waste. Bags shall be placed, not thrown, into these containers to avoid damage.

## 3.12 MONITORING

A. Abatement Project Management and Inspection:

1. Owner has the right to perform air and performance monitoring at any time

2. The Owner has unlimited access to the regulated and surrounding areas at all times during progress of the Work, including, but not limited to, use of ladders, scaffolds, and other equipment as required to gain access to the Work surfaces.

B. Work Area Monitoring:

1. Visual inspections and air testing may be performed at any time during the progress of the Abatement Work. Provide corrective measures as required

to maintain the Work area in compliance with this Specification and all regulatory requirements.

C. Contractor's Employee – Personal Air Monitoring:

1. Provide air monitoring as required California Code of Regulations, Title 8, Section 1529. Results shall be provided to the Owner Consultant within 10 working days of sampling.

D. Clearance Air Monitoring:

1. Following the completion of clean up operations, lock down coat application, and visual inspection by the Owner, clearance air monitoring shall be performed by the Owner Consultant.

2. The Owner Consultant shall arrange for sampling of the air in the Work area for airborne fiber concentrations. Unauthorized interference or tampering with air sampling equipment may result in termination of the Contract.

3. If air-sampling results are within the limits of 40 CFR, Part 763, Subpart E (AHERA), the Work area shall be released for occupancy.

4. Areas failing clearance monitoring shall be cleaned as required in sub-section 3.08, CLEAN UP PROCEDURES, and tested until satisfactory levels are provided in accordance with this Specification. Should it be determined by the Owner Consultant that additional clean up is necessary the contractor will be responsible for any additional costs associated.

## 3.13 RE-ESTABLISHMENT OF THE WORK AREA AND SYSTEMS

A. Reestablishment of the Work area shall only occur following the completion of final inspection and clearance air monitoring.

B. All critical barriers shall be removed at this time.

C. Accompanied by the Owner Consultant, visually inspect the Work area for any remaining visible residue. Evidence of contamination will require additional cleaning requirements.

D. Install and secure Moveable Objects.

E. Relocate Moveable Objects that were removed to temporary locations back to their original positions.

F. Reestablish HVAC, mechanical, and electrical systems to the condition prior to commencement of the Work of this section.

G. Repair all areas of damage deemed to be a result of the Abatement Work.

H. Restore the Work area and auxiliary areas utilized during the Abatement to conditions equal to or better than original. Any damage caused during the performance of Abatement Work, including, but not limited to, damage caused by tape, adhesive, staples, nails, water, Encapsulating Material, or any other material shall be repaired as required.

I. Prior to occupancy of a space following clearance monitoring, all HVAC systems filters associated with the Work area shall be removed and disposed of as Asbestos waste. Decontaminate filter assembly and surrounding area with HEPA Vacuums and wet cleaning methods.

END OF SECTION

**Attachment A**

**SCOPE OF WORK**
**FOR ASBESTOS-CONTAINING MATERIALS ABATEMENT**

**Warner Middle School**

| | |
|---|---|
| **Project**: Warner Middle School | **Date**: August 21, 22, 23, 24, 25, & 28, 2023 |
| **Address**: 14171 Newland Street, Westminster, California 92683 | |

The project covered by this Scope of Work includes the removal, handling, and disposal of asbestos-containing materials in accordance with the attached Westminster School District Specifications for Asbestos Abatement and applicable federal, state, and local regulations as they apply to the above-referenced site. This Scope of Work includes the above-referenced standard specifications and cannot be used separately. In case of conflict between this Scope of Work and the attached standard specifications, the specifications shall prevail.

A copy of this Scope of Work is to be posted on site during the abatement work.

## I Summary of Work

Remove and dispose of asbestos-containing materials (ACM) in advance of the upcoming renovation project at the above-referenced site. The scope of work as indicated by Westminster School District is a limited site survey and includes the specified buildings.

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## II Submittals

### Pre-job Submittals (as designated)

| | |
|---|---|
| X | SCAQMD Notification per 1403 (10 working days in advance) |
| X | Cal-OSHA Notification per 8 CCR 1529 (24 hours in advance) |
| X | Copy of current state contractor licensing board license |
| X | Abatement work schedule |
| X | Copies of workers' asbestos training certificates, including supervisor |
| X | Copies of workers' annual medical exam, including respirator approval |
| X | Copies of workers' 12-month respirator fit-test records |
| X | SCAQMD permits for HEPA equipment (e.g., negative air machines and vacuums) |
| X | Material Safety Data Sheets (MSDS) for all chemicals to be used |
| X | Emergency phone and pager numbers |

**On-going Submittals (as designated)**

| | |
|---|---|
| X | Personal air monitoring results |
| X | Updated worker documentation (as needed) |
| X | Work area access logs (daily) |
| X | Negative air pressure (manometer) records (each shift) |
| X | Copies of updated regulatory notifications (as needed) |

**Project Completion Submittals (within 2 weeks of project completion, as designated)**

| | |
|---|---|
| X | Certificate of Completion |
| X | Landfill weight ticket and receipt |
| X | Copies of completed waste manifests |
| X | Personal air sampling results |

## III Schedule

| |
|---|
| **Start Date**: To be announced |
| **End Date**: To be announced |
| **Maximum Abatement Shifts**: To be announced |
| **Time Frame**: To be announced |

## IV Project Contacts

| Company | Name | Phone Number |
|---|---|---|
| Westminster School District | Brian Johnson | (714) 264-4036 |
| Patriot Environmental Laboratory Services, Inc. | Fernando Najera | (714) 899-8900 |

## V Site Access

Arrange site access with Westminster School District at project commencement.

## VI Special Conditions

Adequate staffing and equipment must be dedicated to these projects to ensure completion of abatement work in accordance with the project schedule.

## VII Scope of Work

### Asbestos Abatement

| | |
|---|---|
| **Area 1:** | Buildings 1-3, 7-9, 10-12, 13-16, 17-19, and 27-29 |
| **Method:** | Full-Containment |
| **Material:** | Carpet Glue |
| **Cal-OSHA Abatement Activity Class** | I |
| **Percent Asbestos** | 2-5% Chrysotile |
| **Approx. Quantity to be Impacted*** | 5,320 SF |
| **Location:** | Building 1-3: Classrooms 1, 2, and 3<br>Building 7-9: Classrooms 8 and 9<br>Building 10-12: Classrooms 10, 11, and 12<br>Building 13-16: Classrooms 13, 14, and 16<br>Building 17-19: Classrooms 18 and 19<br>Building 27-29: Classrooms 27, 28, and 29 |
| **Comments:** | **Remove carpet glue material adequate to accommodate the renovation Project. Perform all work within a negative pressure containment using wet methods, in accordance with attached specifications.** |

| | |
|---|---|
| **Area 2:** | Buildings 1-3, 4-6, 7-9, 10-12, 13-16, 17-19, 20-22, 26A-26C, Boys and Girls Locker Room, and Admin Building |
| **Method:** | Full-Containment |
| **Material:** | 4" TSI |
| **Cal-OSHA Abatement Activity Class** | I |
| **Percent Asbestos** | 10% Chrysotile 15% Amosite |
| **Approx. Quantity to be Impacted*** | 3,894 SF |
| **Location:** | Buildings 1-3, 4-6, 7-9, 10-12, 13-16, 17-19, 20-22, 26A-26C, Boys and Girls Locker Room, and Admin Building: Attic Spaces |
| **Comments:** | **Remove 4" TSI material adequate to accommodate the upcoming renovation Project. Perform all work using wet methods, in accordance with attached specifications.** |

| | |
|---|---|
| **Area 3:** | Building 7-9 |
| **Method:** | Full-Containment |
| **Material:** | Mastic Under 12”x12” Light Blue Floor Tile |
| **Cal-OSHA Abatement Activity Class** | I |
| **Percent Asbestos** | 2% Chrysotile |
| **Approx. Quantity to be Impacted*** | 900 SF |
| **Location:** | Classrooms 7 |
| **Comments:** | **Remove mastic material adequate to accommodate the upcoming renovation Project. Perform all work using wet methods, in accordance with attached specifications.** |

| | |
|---|---|
| **Area 4:** | Boys and Girls Locker Room Building |
| **Method:** | Full-Containment |
| **Material:** | 9” Brown Floor Tile with Mastic |
| **Cal-OSHA Abatement Activity Class** | I |
| **Percent Asbestos** | 4-5% Chrysotile |
| **Approx. Quantity to be Impacted*** | 500 SF |
| **Location:** | Locker Rooms |
| **Comments:** | **Remove 9” brown floor tile with mastic adequate to accommodate the renovation Project. Perform all work within a negative pressure containment using wet methods, in accordance with attached specifications.** |

| | |
|---|---|
| **Area 5:** | Building 20-22 and 26A-26C |
| **Method:** | Full-Containment |
| **Material:** | Mastic Under 12”x12” Blue VCT Tile |
| **Cal-OSHA Abatement Activity Class** | I |
| **Percent Asbestos** | 2% Chrysotile |
| **Approx. Quantity to be Impacted*** | 1,060 SF |
| **Location:** | Building 20-22: Classroom 22<br>Building 26A-26C: Office Floor |
| **Comments:** | **Remove mastic material adequate to accommodate the upcoming renovation Project. Perform all work using wet methods, in accordance with attached specifications.** |

| | |
|---|---|
| **Area 6:** | Building 20-22 |
| **Method:** | Full-Containment |
| **Material:** | Mastic Under 12”x12” Light Blue VCT Tile |
| **Cal-OSHA Abatement Activity Class** | I |
| **Percent Asbestos** | 5% Chrysotile |
| **Approx. Quantity to be Impacted*** | 1,000 SF |
| **Location:** | Classroom 22 and 22 Office |
| **Comments:** | **Remove mastic material adequate to accommodate the upcoming renovation Project. Perform all work using wet methods, in accordance with attached specifications.** |

| | |
|---|---|
| **Area 7:** | Buildings 10-12, 13-16 |
| **Method:** | Open Wet Methods |
| **Material:** | Gray Window Putty |
| **Cal-OSHA Abatement Activity Class** | I |
| **Percent Asbestos** | 2% Chrysotile |
| **Approx. Quantity to be Impacted*** | 120 SF |
| **Location:** | Building 10-12: Exterior Windows<br>Building 13-16: Exterior Windows |
| **Comments:** | **Remove gray window putty material adequate to accommodate the upcoming renovation Project. Perform all work using wet methods, in accordance with attached specifications.** |

| | |
|---|---|
| **Area 8:** | Buildings 13-16, 20-22 |
| **Method:** | Open Wet Methods |
| **Material:** | Roof Mastic |
| **Cal-OSHA Abatement Activity Class** | I |
| **Percent Asbestos** | 3% Chrysotile |
| **Approx. Quantity to be Impacted*** | 12,000 SF |
| **Location:** | Building 13-16: Roof<br>Building 20-22: Roof |
| **Comments:** | **Remove roof mastic material adequate to accommodate the upcoming renovation Project. Perform all work using wet methods, in accordance with attached specifications.** |

| | |
|---|---|
| **Area 9:** | Admin Building |
| **Method:** | Full-Containment |
| **Material:** | 4” TSI Elbow |
| **Cal-OSHA Abatement Activity Class** | I |
| **Percent Asbestos** | 10% Chrysotile 15% Amosite |
| **Approx. Quantity to be Impacted*** | 32 SF |
| **Location:** | Attic Space |
| **Comments:** | **Remove 4” TSI elbow material adequate to accommodate the upcoming renovation Project. Perform all work using wet methods, in accordance with attached specifications.** |

***Note: The quantities of asbestos containing material in this scope of work are approximate. It is the responsibility of the abatement contractor to verify the actual quantities of materials to be abated during their demolition drawing review and the job walk for preparation of their bid.**

## VIII Monitoring and Clearance Requirements

| Area | Inspection | Air Clearance Type and Number |
|---|---|---|
| 7,8 | Visual | PCM Progress and work area perimeter |
| 1-6,9 | Visual | 5 PCM<br>per each work area where asbestos abatement is less than 160 s.f. or 260 l.f. otherwise TEM will be required. |

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# Specifications for Asbestos Abatement Work at Warner Middle School 14171 Newland Street Westminster, CA 92683

**October 11, 2023**
**Patriot Project No. OC164903**
**PO No. T6000779**

Prepared For
**Westminster School District**
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Westminster, CA 92683

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SECTION 01005

LEAD ABATEMENT AND LEAD RELATED CONSTRUCTION WORK

PART 1 – GENERAL

1.01 SUMMARY

A. Section Includes:

1. Abatement, Lead Related Construction Work, or painting of lead-containing materials and/or Lead Based Paint.

2. Removal and Transportation and disposal of lead-containing materials and/or Lead Based Paint.

3. **Attachment A.**

B. Regulatory Requirements shall include, but not be limited to:

1. Cal/OSHA Title 8, California Code of Regulations (CCR)

2. California Air Resources Board Ambient Air Quality Standard, Title 24 CCR

3. California Department of Public Health, Title 17, CCR

4. Cal/EPA, Title 22 CCR

5. California Labor Code, Division 5, Part 1, as it pertains to safety in employment and with the applicable provisions of the Title 8, CCR as it pertains to Occupational Safety and Health in the work place.

6. HUD – Title X, Residential Lead-Based Paint Hazard Reduction Act of 1992

7. Los Angeles County Public Health Code (Chapter 11)

1.02 SECTION DEFINITIONS AND ACRONYMS

A. AAS - Atomic Absorption Spectrophotometry used for lead paint chip and dust wipe sample analysis.

B. Abatement – Any set of measures designed to reduce or eliminate lead hazards or Lead Based Paint for public and residential buildings, but does not include containment or cleaning.

C. Action Level – Means the Action Level as defined in Title 8, California Code of Regulations, Section 1532.1.

D. ANSI – American National Standards Institute

E. ASTM – American Society for Testing and Materials

F. Building ID number or code – A six digit alphanumeric identification code assigned to each building on an Owner site, also referred to as the insurance code, ID number or similar terms.

G. Certificate – Means the document issued by DPH to an individual meeting the certification requirements as described in CCR Title 17, Sections 35083, 35085, 35087, 35089, or 35091.

H. Clean Room – An uncontaminated area or room which is a part of the worker Decontamination Enclosure System with provisions for storage of worker's street clothes and clean protective equipment.

I. Clearance Inspection – Means visual examination and, as applicable, collection of environmental samples upon completion of the Work of this section.

J. Component – Means a structural element or fixture, including but not limited to, walls, floors, ceilings, doors, window molding, trim, trestles, tanks, stairs, railings, cabinets, gutters, or downspouts.

K. Curtained doorway – A device to allow ingress and egress from one room to another while permitting minimal air movement between the rooms, typically constructed by placing two overlapping sheets of plastic over an exiting or temporarily framed doorway, securing each along the top of the doorway, securing the vertical edge of one sheet along one vertical side of the doorway and securing the vertical edge of the other sheet along the opposite vertical side of the doorway. Other effective designs may be submitted for review.

L. Decontamination – The process of eliminating lead contamination from building surfaces, and property by cloths, mops, or other utensils dampened with water and disposed of as lead contaminated waste.

M. Decontamination Enclosure System – A minimum a two-stage Decontamination unit consisting of a compartment for Decontamination, and a Clean Room. Unless otherwise specified, it shall be adjacent to the Abatement area.

N. Demolition – The wrecking or taking out of any load supporting structural member of a facility together with any related handling operations.

O. Deteriorated Lead Based Paint – Means Lead Based Paint or a surface coating that is cracking, chalking, flaking, chipping, peeling, non-intact, failed, or otherwise separating from the substrate to which it is applied to.

P. DPH – California Department of Public Health

Q. DPH-Approved Course – Means any lead-related construction course that satisfies the requirements specified in CCR Title 17, Sections 35056, 35061, 35066, or 35067 as determined by DPH pursuant to Sections 35076 and 35078.

R. DOSH – California Division of Occupational Safety & Health or Cal/OSHA.

S DOT – Department of Transportation

T. DTSC – California Department of Toxic Substances Control

U. Encapsulating Material – Are coatings or rigid materials adhesively applied to Lead Based Painted surfaces in the Encapsulation process.

V. Encapsulation – The application of an Encapsulating Material to Lead Based Paint to provide a barrier between the Lead Based Paint and the environment.

W. Enclosure – A rigid durable barrier mechanically attached to building Component, with all edges and seams sealed with caulk or other sealant.

X. Fixed Object – A piece of equipment, furniture, or improvement in the Work Area, which cannot be removed from the Work Area.

Y. Hazardous Waste – Means any waste stream determined by an Owner approved laboratory to exceed the regulatory thresholds for lead hazardous waste.

Z. HEPA Filter – Means a filtering system capable of trapping and retaining at least 99.97% of all mono-dispersed particles 0.3 micrometers in diameter or larger.

AA. HEPA Vacuum – A vacuum system furnished with HEPA filtration.

BB. HUD – United States Department of Housing and Urban Development

CC. HVAC – Heating, Ventilation, and Air Conditioning system.

DD. ICP-AES – Means Inductively Coupled Plasma-Atomic Emission Spectroscopy used for heavy metal analysis, including lead.

EE. Lead Based Paint – Means paint or other surface coatings that contain an amount of lead equal to or greater than 1.0 milligrams per square centimeter (1.0 $mg/cm^2$) or equal to or greater than 0.5% by weight.

FF. Lead Containing Paint – Means paint or other surface coatings that contain lead in an amount equal to or greater than 0.06% lead dry weight (600 ppm) but does not meet the definition of Lead Based Paint. In the absence of paint chip or surface coating bulk sample results, any surface coating shall be assumed to be above 0.06% lead dry weight (600 ppm) until surface coating samples are collected and analyzed that indicate otherwise. Lead concentration shall be determined by a method that has an accuracy of not less than plus or minus 25% at 0.06% lead dry weight, to a confidence level of 95%.

GG. Lead Contaminated Dust – Means dust that contains an amount of lead equal to, or greater than, forty micrograms per square foot (40 $\mu g/ft^2$) for interior floor surfaces; two hundred and fifty micrograms per square foot (250 $\mu g/ft^2$) for interior horizontal window surfaces; and eight hundred micrograms per square foot (800 $\mu g/ft^2$) for exterior floor and exterior horizontal window surfaces.

HH. Lead Contaminated Soil – Means bare soil that contains an amount of lead equal to, or greater than, four hundred parts per million (400 ppm) in children's play areas or one thousand parts per million (1000 ppm) in all other areas.

II. Lead Hazard – Means deteriorated Lead Based Paint, Lead Contaminated Dust, Lead Contaminated Soil, the disturbance of Lead Based Paint or Presumed Lead Based Paint without containment, or any other operation that may result in persistent and quantifiable lead exposure.

JJ. Lead Inspection – Means a surface by surface investigation to determine the presence of Lead Based Paint as described in Chapter 7: Lead Based Paint Inspection, " Guidelines for the Evaluation and Control of Lead Based Paint Hazards in Housing," U.S. Department of Housing and Urban Development, 1997 Revision.

KK. Lead Related Construction Work – Means any construction, alteration, painting, Demolition, salvage, Renovation, repair, or maintenance of any residential or public building, including preparation and cleanup, that, by using or disturbing lead-containing material or soil, may result in significant exposure of adults or children to lead.

LL. Lead Safe Schools Program – Means the training program for lead safe working practices as developed by the Labor Occupational Health Program at U.C. Berkley.

MM. Location Code – Refers to a unique four digit numeric code assigned by the Owner to each of its Project sites.

NN. Member – A Component part of a structure complete in itself.

OO. Movable Object – A piece of portable equipment or furniture in the Work Area, which can be removed from the Work Area.

PP. NESHAP – The National Emission Standards for Hazardous Air Pollutants (40 CFR Part 50.12)

QQ. NIOSH – The National Institute for Occupational Safety and Health

RR. Owner Consultant (OC) – Refers to the firm, company or individual designated by the Owner.

SS. Painting Contract – For purposes of this section, a painting contract is a Contract with the Owner to perform painting on existing facilities where Lead Based Paint, Lead Containing Paint, Presumed Lead Based or Presumed Lead Containing Paint will be disturbed or abated.

TT. P.E.L. – Means permissible exposure limits as defined in Title 8, California Code of Regulations, Section 1532.1.

UU. Plasticize – To cover floors, walls, and equipment with plastic sheeting as specified herein.

VV. Portable Mechanical Ventilation System – A portable exhaust system furnished with HEPA filtration and capable of providing a constant air flow into regulated Work Area from adjacent areas and exhausted outside the regulated area.

WW. Presumed Lead Based Paint – Means paint or surface coating affixed to a Component in or on a structure, excluding paint or surface coating affixed to a Component in or on a residential dwelling constructed on or after January 1, 1979, or a school constructed on or after January 1, 1993.

XX. Removal – Means all operations where Lead Based Paint is removed or stripped from structures or substrates including Demolition.

YY. Renovation – Means the modifying of any existing structure, facility, or portion thereof.

ZZ. Replacement – Means Removal of an entire building Component coated with Lead Based Paint and replacing it with a lead free Component.

AAA. SCAQMD – South Coast Air Quality Management District

BBB. STLC – Means Soluble Threshold Limit Concentration used in the State of California in conjunction with TTLC to determine lead hazardous waste limits. If the STLC result is equal to or exceeds 5 mg/L the waste is deemed to be hazardous.

CCC. Surfactant - A chemical wetting agent added to water.

DDD. TCLP – Means Toxicity Characteristic Leaching Procedure used to determine the federal Resources Conservation Recovery Act (RCRA) lead hazardous waste limits. If the results equal or exceed 5 mg/L the waste is deemed to be hazardous.

EEE. TTLC – Means Total Threshold Limit Concentration used in the State of California in conjunction with STLC to determine lead hazardous waste limits. If the results are equal to or exceeds 1000 mg/kg, the waste is deemed to be hazardous.

FFF. Visible Emissions – Any emissions from a known or suspected lead-containing material that is visually discernible.

GGG. Wet Cleaning – The process of eliminating lead contamination from building surfaces and/or objects by cloths, mops, or other utensils dampened with amended water and afterwards being disposed of as hazardous waste.

HHH. Work Area – Means an area where known or Presumed Lead Based Paint is disturbed or Abatement is conducted.

III. X-Ray Fluorescence (XRF) Analyzer – Means a direct reading instrument that determines the lead content of the surface coatings in milligrams per square centimeter ($mg/cm^2$) using the principle of x-ray fluorescence.

1.03 POLICIES AND PROCEDURES

A. The Owner has a zero-tolerance policy for uncontrolled lead releases during Lead Related Construction Work, Lead Containing Paint disturbance, or Abatement activities. A lead release requiring an emergency response is any disturbance resulting in the uncontrolled release of lead containing materials. Upon observation of any visual emissions, immediately stop the Work, vacate the Work Area, and provide written notification to the Owner Consultant.

B. Pre-qualified Abatement Subcontractors are not permitted to subcontract any Abatement Work to a lower tier Subcontractor without the prior written approval of the Owner.

C. Do not furnish a reduced pressurization and filtration system in violation of, or in infringement upon, any patent.

D. Owner Consultant shall provide oversight for all Projects that have the potential to disturb lead containing or Lead Based Paint. Prior to the commencement of such Work, provide written notification to the Owner Consultant.

1.04 COORDINATION

A. Coordinate the Work of this section directly with the Owner and/or Owner Consultant.

1.05 SITE SECURITY

A. The Work Area is restricted to authorized, trained, and protected personnel. A list of authorized personnel shall be established and posted at the entrance of the Work Area by the Owner Consultant prior to commencement of the Work.

B. Report to the Owner Consultant any unauthorized entry into the Work Area. Following notification, a written report of the incident shall be provided to the Owner Consultant.

C. A logbook shall be maintained at the entrance of the Work Area. All persons entering the Work Area shall record name, company affiliation, time in, and time out for each entry and exit.

D. Access to the Abatement Work Area shall be through the Decontamination Enclosure System only. All other means of access shall be blocked or locked so as to prevent entry to or exit from the Work Area. Emergency exits shall be operable from inside the Work Area.

E. Maintain Work Area security during Abatement and/or Lead Related Construction Work. All Work Areas and ancillary equipment accessible to non-authorized personnel shall be protected from unauthorized access by constructing a minimum barrier of 3/8 inch CDX plywood supported by 2" x 4" studs, 16 inches on center. An access door shall be provided with hasp and padlock sufficient to prevent unauthorized entry. A key shall be provided to the Owner and Owner Consultant. Required barriers within an occupied building shall be furnished with sheathing as required by state and local fire protection regulations.

F. Remove all barriers upon the completion of the Work of this section and unless otherwise specified, repair and/or replace to it's original condition, all damage resulting from installation, use, and removal of the barriers.

1.06 EMERGENCY PLANNING

A. Emergency planning and procedures shall be developed, submitted, reviewed, and agreed to by the Owner Consultant prior to the commencement of lead-related construction and/or Abatement Work.

B. Emergency procedures shall be provided in the written languages understood by all employees working on the Project and shall be prominently posted at the entrance of the Decontamination Enclosure System. Prior to entering the Work Area, all parties must read and sign these procedures to acknowledge receipt and understanding of the Work Area layout, location of emergency exits, and emergency procedures.

C. Emergency planning shall consider the effects of fire, explosion, toxic atmospheres, electrical hazards, slips, trips and falls, confined spaces, and heat

related injury. Develop and provide written procedures and training to all employees.

D. Employees shall be trained in evacuation procedures in the event of workplace emergencies.

E. In the event of non-life threatening situations requiring medical treatment, injured or otherwise incapacitated employees shall decontaminate following normal procedures with assistance from fellow workers if necessary, before exiting the Work Area.

F. In the event of life threatening injury or illness requiring immediate medical treatment, worker Decontamination shall be given minimum priority. Provide all measures to stabilize the injured worker, remove them from the Work Area and secure proper medical treatment.

G. Telephone numbers of all emergency response personnel shall be prominently posted at the entrance of the Decontamination Enclosure System along with the location of the nearest telephone. In addition to the 911 emergency number, post the address and telephone number of the nearest emergency medical services provider.

H. Provide at least one (1) employee on the Project site at all times during progress of the Work that is trained and certified in first aid and cardiopulmonary resuscitation (CPR). This employee shall be identified by name and proof of training shall be provided to the Owner Consultant prior to the commencement of the Work of this section.

I. Provide at least one (1) 4A/60BC dry chemical extinguisher in the Decontamination compartment. All workers shall be trained in the proper operation of fire extinguishers.

J. Emergency exits shall be provided and clearly marked with arrows or other clearly visible markings to permit easy identification from anywhere within the Work Area. Exits shall be secured to prevent access from uncontaminated areas while still permitting emergency egress. Exits shall be properly sealed with polyethylene sheeting, which can be cut to permit emergency egress. Emergency exits may lead through the Decontamination Enclosure System or other alternative exits as required by fire officials.

1.07 LICENSING

A. The Work of this section shall be performed by an entity duly licensed in the State of California in accordance with the provisions of Chapter 9 of Division 3 of the Business and Professions Code, as amended.

1.08 QUALIFICATIONS

A. Only safety pre-qualified bidders on the pre-approved bidders list are qualified to be awarded an Abatement Contract or Painting Contract be listed as a Subcontractor for lead Abatement Work or Painting Contract.

B. Where the scope of the Work includes the painting and/or refinishing of existing surfaces, only safety pre-qualified bidders on the pre-approved bidders list are qualified to be awarded a painting Contract or be listed as a Subcontractor for painting Work.

C. Before any workers perform Abatement Work or Work of this section where the P.E.L. is exceeded, submit proof of DPH training and certification. No Work shall be performed until the Owner Consultant has reviewed and approved DPH training and certifications.

D. All workers shall be in personal possession of a wallet DPH certification card at all times while they are performing Abatement Work on the Project site.

E. All workers performing lead Abatement, Lead Related Construction Work, or disturbance of Lead Containing Paint where the exposure level exceeds the P.E.L., shall possess current DPH certification and at least one DPH Certified supervisor shall be available as required by Title 17, CCR subsection 36100.

1.09 TRAINING

A. Lead Related Construction Work shall be performed by personnel with the following training, as applicable:

1. The Lead Related Construction Work, specified herein, shall be performed by individuals trained and qualified in the techniques of lead-related construction, handling, disposal of lead-based and Lead Containing Paint, and the subsequent cleaning of contaminated areas. These individuals must comply with all applicable Federal, State, and Local regulations including, but not limited to, DPH accredited training and certification, and must be capable of and willing to perform the Work of this section.

2. Training specific to the performance of Lead Related Construction Work shall be provided to employees prior to performing the Work of this section.

3. Training specific to the operation and use of fire extinguishers.

1.10 EXPOSURE ASSESSMENT

A. Disturbance of Lead Containing Paint, as defined in this Specification, disturbed by tasks not included in Title 8, CCR Section 1532.1, Subsection (d)(2), shall require worker-exposure monitoring upon initiation of the Work. The workers performing these tasks shall be trained in accordance with the Hazard Communications Standard, Section 5194, including but not limited to, the requirements concerning warning signs and labels, Material Safety Data Sheets (MSDS), and employee information and training.

B. Provide an exposure assessment where the workers are performing Lead Related Construction Work. If historical data, collected within the 12 months prior to the Work performed, indicates worker exposure is below the P.E.L. , and the Work being performed closely resembles the process, type of material, control methods, work practices, and environmental conditions, additional exposure assessment is not required.

C. For Lead Related Construction Work where there is objective data or an exposure assessment demonstrating that the Lead Based Paint, or a specific process, operation or activity other than Abatement involving lead cannot result in employee exposure to lead at or above the P.E.L. during the specific process or handling, employees trained as required by Title 8, CCR Section 1532.1, including the training topics of the Lead-Safe Schools Program, may perform the Lead Related Construction Work.

D. Where Work being performed indicates an exposure above the Action Level, each employee is required to have current blood lead level and Zinc Protoporphorin testing, medical clearance for negative pressure respirator use, and respirator fit testing.

E. If there is no objective data or a negative exposure assessment fulfilling the above requirements, all Lead Related Construction Work identified as a trigger task by Title 8, CCR 1532.1 shall be performed by workers who have received training as required by Title 8 CCR, Section 1532.1. This training shall, at a minimum, include the training topics of the Lead Safe Schools Program. An exposure assessment is required to be performed upon initiation of Work.

F. The required exposure assessment shall not exceed 12 months from the date the samples were collected to the date the Lead Related Construction Work or disturbance of Lead Containing Paint is performed.

G. The submission and review by the Owner Consultant of the objective data or exposure assessment is required prior to performing Lead Related Construction Work.

## 1.11 SUBMITTALS

A. Provide in accordance with Division 01 and this section.

B. Prior to performing the Work of this section, submit the following procedures to the Owner Consultant:

1. An Abatement plan including, but not limited to:

a. A detailed written description of the measures and management procedures, including the containment that will be utilized during Abatement to prevent exposure to lead hazards. Shop Drawings shall indicate the containment locations.

b. A detailed written description of the Abatement, including methods of Abatement, locations of rooms and building Component where Abatement is planned.

2. Required air monitoring procedures (Cal/OSHA mandatory and SCAQMD permits for air filtering equipment).

3. Decontamination procedures for personnel, Work Area, and equipment.

4. Procedures for handling and disposing of waste materials, including disposal facility.

5. Provide the procedures to be used for capturing debris while disturbing overhead materials.

6. Procedures for final Decontamination and cleanup.

7. Procedures for dealing with heat stress during Abatement.

8. Emergency procedures during Abatement.

C. Prior to performing Abatement Work of this section, submit the following Shop Drawings to the Owner Consultant:

1. Preparation of Work Area.

2. Layout and construction of Decontamination Enclosure System and barriers for isolation of the Work Area described in this Specification and required by applicable regulations.

D. Prior to performing the Work of this section, submit the following Product Data to the Owner Consultant:

1. Product Data relative to personal protective equipment including respiratory protection and protective clothing.

2. Material safety data sheets and technical specifications for proposed materials.

E. Prior to performing the Work of this section, submit the following notifications to the Owner Consultant:

1. Evidence of notification to Cal/OSHA as required by Title 8 CCR, Section 1532.1, where applicable.

2. Notify DPH no less than five days in advance of Abatement by submitting an Abatement of Lead Hazard Notification, DPH Form 8551.

F. Prior to performing the Work of this section, submit the following documentation to the Owner Consultant:

1. A list of employees who will participate in the Project, including delineation of experience, training, and assigned responsibilities during the Project.

2. Submit proof satisfactory to the Owner Consultant that required permits, site location, and arrangements for transport and disposal of lead containing waste has been performed in accordance with Federal, State, and local regulations.

3. Submit proof of training for each worker who will perform Abatement or Lead Related Construction Work.

4. Submit manufacturer's certification that HEPA Vacuums, air filtration units and other local exhaust ventilation equipment conform to ANSI Z9.2-79, as applicable.

5. When HEPA Vacuums are utilized on the Project, provide the maintenance and filter change log for these before they are brought onto the Project site.

6. Provide the current SCAQMD permit for each HEPA Vacuum and Portable Mechanical Ventilation System before they are brought onto the Project site.

7. Where biological monitoring is required, submit test result documentation verifying all employees have completed blood lead level and Zinc Protoporphorin tests in accordance with Title 8 CCR, Section 1532.1.

8. All workers are required to submit a signed Code of Conduct form.

G. Prior to performing the Work of this section, submit the following Samples to the Owner Consultant:

1. Submit a Sample of all forms to be used in documenting the Work of this section.

H. Prior to performing the Work of this section, submit the following schedule to the Owner Consultant:

1. An intended sequence of Work and construction schedule. Coordinate both the sequence and durations with the Owner.

I. Prior to performing the Work of this section, submit all other required items to the Owner Consultant.

J. During the performance of the Work of this section, submit the following documentation to the Owner Consultant:

1. Submit documentation from a physician certifying that all employees who wear a negative pressure respirator are medically cleared to do so without suffering adverse health effects as required by DOSH regulations. The certification shall state that the employee or agent may perform Lead Related Construction Work and wear a negative pressure respirator without restrictions. Provide information to the examining physician about unusual conditions in the workplace environment that may impact the employee's ability to perform Work activities.

2. During the performance of the Work of this section, and before additional supervisors or workers are permitted to perform the Work of this section, submit proof of DPH training and certification, where applicable. No additional supervisors or workers are permitted upon the Project site until the Owner Consultant has approved the DPH training and certifications, when required.

3. Submit weekly job progress reports detailing Abatement and/or Lead Related Construction Work activities for Projects that will exceed thirty (30) days. Include review of progress with respect to previously established Milestones and schedules, major problems and action taken, injury reports, equipment breakdown, and air and/or wipe sampling results.

4. Within five (5) workdays of transport and/or disposal, submit copies of all transport manifests, disposal receipts, analytical data, and weight certificates for all hazardous waste removed from the Work Area during

the Lead Related Construction Work and/or Abatement Work. Weight certificates shall indicate by pounds the net weight of waste disposed of from the Project site as indicated on the associated manifest.

5. Submit daily, copies of Abatement Work site entry logbooks with information on worker and visitor access.

6. Submit logs on a weekly basis documenting filter changes on respirators, HEPA vacuums, HEPA filtered ventilation units, water filtration units, and other approved engineering controls, as applicable.

7. Submit results of air and/or wipe sampling data (as applicable) collected during the course of the Abatement and/or Lead Related Construction Work including DOSH compliance air monitoring results.

K. During the performance of the Work of this section, submit all other required items.

1.12 PRE-ABATEMENT MEETING

A. Attend a meeting to be held prior to the commencement of the Work of this section. Attending this meeting shall be representatives of the Owner, the Owner Consultant if applicable, and the testing/monitoring personnel who shall actually participate in the testing/monitoring program. Secure the attendance of the individual who will be the Project site competent person for the Abatement Work.

B. At this meeting provide all required submittals except for those to be submitted during progress of the Work. In addition, provide detailed information concerning:

1. Preparation of Work Area and Shop Drawings.
2. Personal protective equipment, including respiratory protection and protective clothing.
3. Employees who will participate in the Project, including delineation of experience, training, and assigned responsibilities during the Work.
4. Decontamination procedures for personnel, Work Area, and equipment.
5. Abatement methods and procedures to be provided.
6. Required air monitoring procedures (pre-Abatement, Cal/OSHA mandatory, and SCAQMD requirement).
7. Procedures for handling and disposing of waste materials, including disposal facility.
8. Procedures for final Decontamination and cleanup.
9. A sequence of Work activities and performance schedule.
10. Procedures for dealing with heat stress.
11. Emergency procedures.

PART 2 – PRODUCTS

2.01 Materials and Equipment

A. Materials:

1. Deliver all materials in the original sealed packages, containers, or bundles bearing the name of the manufacturer and brand name.

2. Store all materials, subject to damage off the ground, away from wet or damp surfaces, and under cover sufficient enough to prevent damage or contamination. Replacement materials shall be stored outside of the Work Area until area is cleared for normal occupancy.

3. Damaged, deteriorating, or previously used materials shall not be furnished and shall be removed from the Project site and legally disposed of.

4. A sufficient supply of disposable mops, rags, and sponges for Work Area Decontamination shall be provided.

5. Unless otherwise specified, the Owner will provide water for construction purposes. Connect to existing system as required.

6. All products brought onto the Project site shall be accompanied by their respective Material Safety Data Sheet, which shall be maintained on the Project site.

7. All plastic, polyethylene sheeting or visqueen shall be a fire retardant type. Provide documentation from the manufacturer verifying compliance with this requirement.

8. Polyethylene sheeting furnished for the Decontamination Enclosure System shall be opaque white or black in color and shall be a minimum of 6-mil thick.

9. Surfactant (wetting agent) shall be a material that, when tested, demonstrates a surface tension of 29 dynes/cm as tested in its properly mixed concentration, using ASTM method D1331-56-"Surface and Interfacial Tension of Solutions of Surface Active Agents." Where Work Area temperature may cause freezing of the Amended Water solution, the addition of approved antifreeze in a manufacturer recommended amount is permitted.

B. Equipment:

1. Disposal bags shall be of 6-mil polyethylene, pre-printed with labels as required by applicable Cal/OSHA and DOT requirements.

2. Provide labels as per DOT requirements for disposal containers.

3. Provide warning signs as required by Cal/OSHA.

4. Disposal containers shall meet requirements of Title 22, CCR.

5. Provide a sufficient supply of scaffolds, ladders, lifts, and hand tools, as needed to complete the Work.

6. Provide sprayers with pumps capable of providing amended water in sufficient quantity to adequately wet the material to be abated or for Lead Related Construction Work.

7. Provide a sufficient supply of HEPA filtered vacuums to maintain a clean environment in compliance with this section.

8. When an enclosure requiring negative pressure is specified, a sufficient quantity of air-filtration ventilation units furnished with HEPA filtration and operated in accordance with ANSI Z9.2-79 and EPA guidance documents shall be utilized to provide one workplace air change every 15 minutes and creating a pressure differential of -0.02 inches of water everywhere within the enclosure when compared to the area outside the enclosure. A log documenting the filter change history of each unit shall be required before use, and any unit without this log shall have all filters changed and the unit decontaminated.

9. When rental equipment is to be used in Abatement areas or to transport lead contaminated waste, a written notification concerning the intended use of the rental equipment shall be provided to the rental agency with a copy submitted to the Owner.

10. When performing chemical Removal, provide portable eyewash station(s) that meet ANSI standards and are accessible to workers within 10 seconds.

11. Additional safety equipment, as necessary, shall be provided to all workers and authorized visitors.

12. All equipment delivered to the Project site shall be free of all debris suspect of containing lead. No equipment with suspect debris in or on it shall be permitted on Owner properties and/or the Project site.

13. When roll-off disposal containers are delivered to a Project site, all four (4) wheels of each container shall be moved and rested upon a minimum size sheet of plywood of 4' X 4' X 3/4".

14. Lighting shall be provided in an amount sufficient to illuminate the Work Area for the purpose of safe visual working conditions and to permit examination of all surfaces where Work is performed.

2.02 EMPLOYEE PERSONAL PROTECTIVE EQUIPMENT

A. Respiratory Protection:

1. Submit NIOSH approvals for all respiratory protective devices utilized on the Project site. Include manufacturer certification of HEPA filtration capabilities for all cartridges and filters. Filter cartridges shall be furnished with the NIOSH P-100 designation.

2. Provide respiratory protection to all employees in compliance with CCR Title 8, Sections 1532.1 and 5144, as determined by the employee exposure assessment.

3. In the absence of an exposure assessment, base respiratory protection on the requirements of Title 8, CCR Section 1532.1, specifically subsection (d).

4. In addition to P-100 filters, provide the appropriate respirator filter cartridges for exposure to other airborne contaminants generated during the Abatement process.

5. Provide authorized visitors with a respirator and cartridges sufficient to protect individuals from exposure to hazardous environments generated during the Abatement activity.

B. Fit Testing:

1. Perform fit testing in accordance with Title 8 CCR, Section 5144.

2. Submit documentation of respirator fit testing for all individuals entering the Work Area.

3. Maintain and submit to the Owner a copy of the written respiratory protection program.

C. Personal Protective Clothing and Equipment:

1. Provide eye protection to employees sufficient to protect employees from

debris during Work progress when full-face respirators are not being utilized.

2. Provide and require the use of eye protection when employees are working with a material that may splash or fragment, as specified by the Material Safety Data Sheet for a given product, or as required by Title 8, CCR.

3. Spectacle kits and eyeglasses must be provided for employees who wear glasses and who must wear full-face piece respirators. Provide respirators that have been tested and approved by the National Institute of Occupational Safety and Health for use in lead-contaminated atmospheres.

4. Provide full-body disposable protective clothing, including head, body, and foot coverings to all workers and authorized visitors who enter the Work Area, in sizes adequate to accommodate movement without tearing. A new suit shall be provided and donned for each separate entry.

5. If washable clothing is to be worn underneath disposable protective clothing, it shall be provided to all Abatement workers.

6. Provide a clean staging area for workers and others to store street clothes and personal protective equipment.

7. Disposal suits shall be collected in an appropriate disposal container at the entrance of the Abatement Work Area.

8. Abatement workers are required to wear nonskid footwear sufficient to protect them from workplace hazards. Disposable clothing shall be adequately sealed to the footwear to prevent body contamination.

9. Hand protection shall be provided, and workers shall be required to use lotion sufficient quantities to protect the worker when chemicals or other physical hazards exist.

10. As required by the Work site and applicable safety regulations, provide head protection and require the use thereof.

11. All worker protection equipment shall be ANSI approved.

## PART 3 - EXECUTION

### 3.01 LEAD RELATED CONSTRUCTION WORK

A. Work Area Preparation and Work Practices:

1. Where exposure monitoring indicates Worker exposure is below the P.E.L., comply with the requirements of this section and the "Monitoring" section of this Specification.

2. All disturbance of lead containing materials shall be performed using wet methods.

3. Work requiring overhead disturbances shall require a means of capturing debris, thus preventing an uncontrolled release on the worker or the surfaces below.

4. For disturbances utilizing local exhaust dust collection devices the equipment shall be designed and furnished with a HEPA filtered vacuum attachment approved by the manufacturer.

5. Where Components are to be removed, all loose Lead Based Paint and Lead Containing Paint shall be removed by manual means using wet methods.

6. Where a Component is attached and painted onto another surface and the Component is to be removed from the adjoining surface the paint shall be cut with a razor knife to reduce the potential of paint chip debris during Component removal.

7. If a Component being removed will be disposed of rather than reinstalled, manually cut the Component into manageable sections for disposal using wet methods or mechanically cut using a manufactured approved HEPA filtered local exhaust dust collector.

8. If a Component is to be reused, loose paint or rough edges may require scraping or sanding. All scraping or sanding must be performed manually using wet methods or mechanically with a manufactured approved HEPA filtered local exhaust attachment.

9. For solid core surfaces where penetration and/or welding are required the lead containing material shall be removed from the area impacted using wet methods. All layers of Paint shall be removed before impact to the surface commences.

B. Clean Up Procedures:

1. During the entire process of Lead Related Construction Work, clean all debris generated using wet methods and/or HEPA Vacuuming.

2. At the completion of the Lead Related Construction Work, clean all surfaces within the impacted Work Area.

3. When HEPA filtered Vacuums are utilized, vacuum from the area of impact to the outer perimeter of the polyethylene sheeting to remove all visible debris. If vacuuming cannot remove all visible debris, wet wiping will also be required.

4. When wet wiping the Work Area, wipe from the area of impact to the outer perimeter of the polyethylene sheeting to remove all visible debris.

5. All tools and equipment utilized in the Work Area shall be thoroughly wet wiped to remove visible debris.

3.02 ABATEMENT

A. Work Area Preparation:

1. Clean areas to be isolated by HEPA Vacuum prior to installation of polyethylene sheeting.

2. Seal the Work Area with a layer of 6 mil thick polyethylene sheeting prior to any Lead Based or Lead Containing Paint Removal or disturbance by covering all vents, windows, door openings, and any non-Moveable Objects such as lockers, etc.

3. Install a minimum of two (2) layers of 6 mil thick polyethylene sheets on floors, fastened by waterproof tape and other means as necessary to secure the sheeting.

4. The covering on windows, exterior doors, and vents shall be installed from the outside to facilitate Work on them from the inside.

B. Decontamination Enclosure System:

1. At a minimum a two-stage Decontamination Enclosure System consisting of a compartment for Decontamination and a Clean Room shall be constructed and used.

2. Unless otherwise specified, the Decontamination Enclosure System shall be adjacent to the Abatement area.

3. Other enclosure methods may be used if submitted and approved by the Owner Consultant.

C. Removal and Replacement Substrates with Lead Based Paint:

1. Except as noted in the Specifications and Drawings, replace substrate with material of the same or better quality. Substrates include, but are not limited to doors, windows, moldings, casements, mantels, trims, skirting, baseboards, and associated hardware and fasteners.

2. Areas adjacent to substrate Removal shall be protected from damage. Damages shall be repaired or replaced to original condition.

4. Substrates that are removed for Replacement shall be wrapped and stored for disposal. Disposal shall be in accordance with the applicable codes and sections of this Specification.

5. After Removal, the areas disturbed shall be cleaned and a Clearance Inspection performed in accordance with the procedures described in this Specification.

D. Abrasive Removers – Machine Sanders:

1. Machine sanders shall be furnished with a HEPA Vacuum system approved by the manufacturer.

2. Sanding shall only be performed on flat surfaces that allow the HEPA Vacuum dust collection attachment to come into tight contact with the surface being sanded.

3. Remove Lead Based Paint down to the bare substrate surface. If the pigment cannot be removed without damaging the substrate, submit a Request for Clarification to the Owner Consultant.

4. Protect adjacent surfaces from damage from machine sanding. Repair and/or replace all damaged surfaces.

E. Chemical Removal-On-Site Chemical Removal:

1. No chemical Removal shall be performed on interior surfaces unless specifically called for and designed in the Specifications or the Abatement plan of the Project.

2. Owner approved chemical removers shall be compatible with and harmless to the substrate. On masonry surfaces chemical removers shall contain anti-stain formulation that inhibits discoloration.

3. Chemical Removal Agent Neutralizer: Use chemical Removal agent neutralizers on exterior surfaces only. Neutralizers shall be compatible with and not harmful to the substrate. Neutralizers shall be compatible with the Removal agent that has been applied to the surface substrate.

4. Apply chemical Removal agents and neutralizers in accordance with the recommendations of the manufacturer and the following:

   a. Adhere to all health and safety regulations and other Specification section requirements. Stripping agents shall not be allowed to penetrate wood or other fibrous substrates.

   b. Remove the softened paint by scraping or wire brushing.

   c. Protect adjacent areas from damage from Removal agent during the course of Work.

F. Chemical Removal – Off-Site Chemical Removal – Structures of Historical Significance Only:

1. Remove and transport Lead Based Painted Component in accordance with this Specification. Transport the Component to an off-site location. Remove Lead Based Paint by chemical Removal. Neutralize and clean the Component. Return Component to the Project site free of lead-containing materials and reinstall.

2. Take extreme care in removing Component to be taken off-site, to prevent damage. In addition:

   a. Component shall be marked and identified using an inconspicuous engraving, to insure reinstallation in original location.

   b. Hardware associated with a Component shall be bagged and marked.

   c. If required, hardware shall be chemically stripped, cleaned, or reconditioned.

   d. Dispose of hazardous waste generated by the off-site stripping of Lead Based Paint as required by federal, state, and local regulations.

   e. Do not transport hazardous waste to Owner properties and/or facilities.

f. Protect the Component and the adjacent areas from which Component are removed from damage by the Removal and reinstallation procedures.

G. Water Jet Washing:

1. Use to remove Lead Based Paint from exterior masonry substrate.

2. If this procedure is selected, submit a Work plan to the Owner Consultant which includes, but is not limited to, interim controls, paint stabilization, and capture of waste water.

H. Encapsulation – Interior and Exterior - Coated Sealer System:

1. Materials: - Elastic acrylic coating shall be heavy bodied and warranted by the manufacturer to be compatible with the substrate. Elastic acrylic coating shall be long lasting and resist cracking, peeling, algae, and fungus.

2. Submittal: Submit two Samples, 5-1/2" x 8," of the Encapsulation material to the Owner Consultant.

3. Encapsulation coatings shall be applied in accordance with the manufacturer's recommendations and the following conditions:

a. Remove surface dust and debris by scrubbing with a non-residue detergent solution, and rinsing. Remove loose paint until a sound, intact edge is achieved. Remove and replace loose plaster prior to the coating application. Proper safety procedures and lead dust control method in this Specification must be utilized.

b. Apply Encapsulation coatings to the substrate in a continuous coat to seal the surface being coated. The number of coats required and coverage rates shall be in accordance with the manufacturer's recommendations.

c. Repair all materials that lift and peel after the application of the Encapsulation coating by scraping until a sound surface is obtained. The edges shall be feathered, and a reapplication of an Encapsulation coating shall be applied.

d. Remove, or cover as directed, existing fixtures located on surface to be coated, including but not limited to, electrical receptacles, switches, exhaust fans, and hardware.

e. Protect adjacent surfaces and existing fixtures from damage by coating system. Damages to adjacent surfaces and existing fixtures due to lack of protection or improperly applied protection shall be repaired and/or replaced.

I. Encapsulation – Interior and Exterior - Flexible Wall Covering:

1. Materials: Wall covering shall be a reinforced fiber type that forms a secure bond with the substrate, resistant to peeling and formation of mold. The wall covering system shall form a seal over the substrate to which it is applied and not allow the passage of substrate dust into the environment.

2. Submittal: Prior to the start of Work, submit to the Owner Consultant for approval, manufacturer's descriptive literature, and two (2) 5-1/2 inch by 8 inch Samples of each wall covering system.

3. Install Encapsulation covering in accordance with manufacturer's installation instructions and the following provisions:

a. Remove foreign material by washing surfaces with a detergent solution. Remove loose plaster, loose paint, and loose wallpaper. Utilize dust control methods described in this Specification.

b. Repair larger damaged areas flush with surrounding wall surfaces prior to installation of wall covering system.

J. Enclosure Procedures - Gypsum Wallboard (interior surfaces only), plywood paneling, other enclosures of exterior substrate:

1. Surface preparation: Remove foreign material by wash-down with a non-residue detergent solution. Remove loose plaster, loose paint, and loose wallpaper in accordance with this Specification to stabilize the painted surfaces.

2. Affix warning labels stating surface contains "LEAD-BASED PAINT" to the surface prior to being enclosed. Labels shall be 3" x 5" and placed four (4) foot apart at approximately five foot high on the surface being enclosed.

3. Install selected enclosure material in accordance with the relevant section of the Specification. Any disturbance to Lead Based Paint in the execution of this section shall comply with the Lead Related Construction Work section of this Specification.

K. SOIL ABATEMENT

1. Surface Contamination:

   a. Remove Lead Contaminated Soil from the location(s) and to a depth specified in the scope of Work.

   b. In the absence of a specified depth of soil Removal identified in the scope of Work, submit, prior to the bid, a Request for Clarification regarding the quantity of soil to be removed.

   c. Submit a written soil Abatement plan prior to initiation of the Project.

   d. No soil Abatement shall proceed until the Work plan has written approval by the Owner Consultant.

   e. Refer to the waste handling and transportation section of this Specification for the handling, characterization, and disposal of waste.

L. ALTERNATE PROCEDURES

1. If specified procedures cannot be utilized, a request must be made in writing to the Owner Consultant establishing details of the problem encountered and recommended alternatives.

2. Alternate procedures shall provide equivalent or greater protection than procedures that they replace.

3. Prior to implementation, all alternative procedures shall be submitted and approved in writing by the Owner Consultant.

M. CLEAN-UP PROCEDURES

1. During the entire process of the Work of this section, perform continuous cleaning of all debris generated using wet methods and/or HEPA filtered vacuuming.

2. At the completion of the Work of this section, clean all surfaces within the impacted Work Area, including but not limited to, all tools, equipment, and polyethylene sheeting to remove visible debris from the Work Area.

3. All tools and equipment utilized in the Work Area shall be thoroughly cleaned. All non-electrical tools and equipment shall be cleaned monthly and before Removal from the Work Area by HEPA vacuuming and washing using a lead specific detergent or other suitable cleaning agent.

4. Electrical tools and equipment shall be HEPA vacuumed and cleaned by wet wiping limiting the amount of water used to avoid electrical hazards.

5. Remove polyethylene sheeting, except for critical barriers, by folding it into itself beginning with the higher level polyethylene first.

6. Following Removal of polyethylene sheeting a final cleaning of all surfaces in the Abatement workspace shall be performed by HEPA vacuuming, wet wiping, and a final HEPA vacuuming.

7. When HEPA vacuums are utilized, vacuuming shall be performed from the top down and from the area of impact to the outer edge of the polyethylene sheeting.

8. Apply no less than one continuous coat of approved paint or primer to all abated surfaces, where applicable.

9. At the completion of the final clean up, the DPH certified supervisor shall inspect the Work Area for visible debris. If debris is identified, repeat the final cleaning process.

10. Wet wiping, washing, and cleaning required by this section shall include the Removal of all visible debris by cleaning with a lead specific detergent or other suitable cleaning agent in clean water followed by a rinsing with clean water and clean rags, following the same sequence of cleaning as the vacuuming.

11. Refer to the waste handling and transportation section of this Specification for disposal of waste generated by this process.

3.03 WASTE HANDLING AND TRANSPORTATION

A. Characterization of Waste:

1. Until analytical results are available, all waste materials (including water) shall be treated as hazardous.

2. Characterize all waste streams as follows:

a. Collect a representative sample of the waste material.

b. For a pile of waste take one sample of a proportionate combination of Component in the pile. If a large quantity of waste is generated no less than four samples may be required.

c. For large wood Component, such as windows, doors, etc., a representative sample of each Component of similar characteristics, paint history, etc., shall be collected and tested. A full depth core sample, not less than one (1) inch diameter, of the Component is to be collected. The core sample shall include the substrate and paint coatings on both sides of the Component, as applicable.

3. Analysis for the waste characterization samples shall be performed as follows:

a. Waste generated by chemical stripping shall, in addition to the requirements for determining the solid and soluble lead concentrations, shall be tested for corrosiveness and other contaminants, as applicable, resulting from the chemical stripping process.

b. Analyze samples for Total Threshold Limit Concentration (TTLC):

1) If results are less than 50 mg/kg (milligrams/kilogram) the waste is not hazardous and shall be disposed as general construction waste.

2) If sample results are 50 mg/kg or greater, the waste shall be tested for Soluble Threshold Limit Concentration (STLC).

c. Where waste is required to be tested for STLC the following shall apply:

1) If the STLC results is less than 5 mg/L (milligrams/liter) the material shall be disposed at a Class II waste landfill. Evidence of such results of the STLC testing will be required by the landfill before waste is accepted. No further testing is required.

2) If the STLC results are 5 mg/L or greater, the waste is a California regulated waste and the material shall be tested using the federally mandated Toxicity Characterization Leaching Procedure (TCLP).

d. Where waste is required to be tested by TCLP the following shall apply:

1) If the TCLP is less than 5 mg/L, the waste is a California regulated hazardous solid waste (non-RCRA). This

material shall be disposed in a Class I hazardous waste landfill.

2) If the TCLP is equal to or greater than 5 mg/L, the waste is a federally regulated hazardous waste solid (RCRA). The waste shall then be disposed in a Class I hazardous waste landfill.

e. Personal and commercial wash water with lead contamination shall be handled as follows:

1) Filter the waste water through cheesecloth, or other similar filtering media, to remove the gross debris. Separate the waste streams and characterize these in compliance with this Specification.

2) If the waste water is identified as a RCRA or California regulated hazardous waste (Non-RCRA) by STLC and TCLP, filter the waste water by power pumping it through a 20 micron pore size filter. The filtered water shall be tested as described for waste in this Specification.

3) If test results categorize the filtered water as non-hazardous, it may be disposed of in the sewer system.

4) Wastewater, filtered or otherwise, shall not be discharged in storm drains, gutters or allowed to sheet flow over the surface of the ground.

B. Waste Handling:

1. All waste, hazardous and non-hazardous, shall be disposed of at an authorized site in accordance with all provisions of this Specification and applicable Federal, State, and local laws.

2. Any waste determined to be hazardous, through analytical testing, shall be kept in a secured area or lockable container that is inaccessible to all persons other than authorized personnel working on the Project. All hazardous waste containers shall be labeled “Hazardous-Waste – Contains Lead” and labeled with the date waste collection commenced.

3. Hazardous waste shall not remain on the Project site beyond 90 days of the date it was generated. It shall be removed from the Project site and transported to an approved landfill before the 90 days has elapsed.

4. Once hazardous waste is removed from the Project site, ensure it is

disposed of in an approved landfill within 6 days. The waste shall not be transported to another site for commingling of waste from a source other than the site of original generation. This requirement shall be documented by the proper execution of a Uniform Hazardous Waste Manifest signed by the landfill operator.

5. All hazardous and non-hazardous waste shall be kept in different containers and stored in separate locations. Commingling of waste is not permitted.

6. As the Work progresses, to prevent exceeding available storage capacity on the Project site, sealed and labeled containers of lead waste shall be removed and transported to the prearranged disposal location.

7. Containers used for hazardous waste shall meet the requirements of EPA and DOT for hazardous waste storage and transport. At a minimum, disposal packaging of Lead Based Paint fragments, dust, and debris shall be in 6-mil polyethylene (plastic) bags that are airtight and puncture resistant.

8. Any debris or residue observed on containers or surfaces outside of the Work Area resulting from clean up or disposal activities shall immediately be cleaned using HEPA filtered vacuum equipment and/or wet methods as appropriate.

9. Materials not contained in bags or other appropriate disposal containers shall not be placed in lead waste storage containers, nor shall storage containers be used for non-lead waste. To avoid damage, all packaged waste shall be placed, not thrown, into the storage containers.

10. Lead Contaminated Soil shall be transported in plastic lined containers.

C. Transportation of Non-Hazardous Waste:

1. All receipts from the disposal facility, trip tickets, transportation manifests, weight certificates or other documentation of disposal shall be delivered to the Owner Consultant within 48 hours of disposal. The waste manifest shall be signed by the generator, the transporter(s), and the disposal site operator each time the responsibility for the waste material is transferred. If a separate hauler is employed, the name, address, and signature of the transporter shall also appear on the manifest.

D. Transportation of Hazardous Waste:

1. All hazardous waste shall be transported by a RCRA/DOT/EPA certified hazardous waste transporter. Provide evidence that the hazardous waste transporter meets the requirements of this Specification.

2. The Work of this section includes responsibility for all actions of the hazardous waste transporter as it pertains to waste Removal and disposal related to the Work of this Specification.

3. Identify the facility to which the waste generated by this Specification will be taken. Evidence shall be provided verifying the facility is licensed/permitted to receive and handle non-hazardous lead containing waste and/or hazardous lead containing waste as applicable.

4. All waste disposed as hazardous shall be transported under a Uniform Hazardous Waste Manifest. The generator copy of this manifest shall be submitted to the Owner Consultant within five (5) days of transport.

5. All dump receipts, trip tickets, transportation manifests, weight certificates or other documentation of disposal shall be delivered to the Owner Consultant within 48 hours of disposal. The Uniform Hazardous Waste Manifest shall be signed by the generator (or designee), the transporter(s), and the disposal site operator each time the responsibility for the waste material is transferred. If a separate hauler is employed, the name, address, U.S.E.P.A. ID number and signature of the transporter shall also appear on the manifest.

6. The enclosed cargo area of trucks or containers shall be free of debris and lined with 6-mil polyethylene sheeting to prevent contamination from leaking or spilled containers. Floor sheeting shall be installed first and extend up the walls. Wall sheeting shall be overlapped and taped into place.

7. During transport, drums and other containers shall be placed on level surfaces in the cargo area and packed tightly together to prevent shifting and tipping. Large structural Component shall be secured to prevent shifting and bags placed on top.

3.04 MONITORING

A. Project Management and Inspection:

1. Owner has the right to perform air, wipe, and visual monitoring at any time.

2. Owner shall proceed in accordance with the terms and conditions of the Contract Documents whenever the Work or protective measures are not in

compliance with applicable governmental regulations, Contract requirements, and/or threatens the adjoining environment with lead contamination.

3. Where exposure monitoring indicates exposure is at or above the P.E.L., comply with Title 8, CCR Section 1532.1 (e) through (n).

B. Employee – Personal Air Monitoring:

1. Provide air monitoring as required by Title 8 CCR, Section 1532.1. Results shall be provided within ten working days of sampling. If the intent is to utilize such as exposure assessment documentation, and Work is to commence earlier than ten working days, submit results 24 hours in advance of the start of Work.

C. Clearance Inspection:

1. Clearance Inspection for Lead Related Construction Work shall include:

a. A visual inspection of the Work Area by the Owner Consultant prior to occupancy for normal activity.

b. Do not remove barriers designating a regulated Work Area until a written release from the Owner Consultant is provided.

c. The Owner Consultant has the right to collect wipe samples as part of the Clearance Inspection.

2. Clearance Inspection for Abatement shall include:

a. A visual inspection of the Work Area by the Owner Consultant prior to collection of environmental samples (dust, wipe, and/or soil samples, as applicable).

b. Owner Consultant shall collect environmental samples.

c. Results of samples shall comply with Title 17, CCR before the Work Area is released for normal occupancy.

d. Where samples fail to meet regulated clearance levels of Title 17, CCR, clean the Work Area as required for final cleaning in the Clean Up Procedures section of this Specification.

e. Following cleaning, the visual inspection and environmental sampling will be repeated as described above. This process shall continue until the clearance level of Title 17, CCR is provided. Should it be determined by

the Owner Consultant that additional clean up is necessary the contractor will be responsible for any additional costs associated.

3.05 RE-ESTABLISHMENT OF THE WORK AREA AND SYSTEMS

A. Re-establishment of the Work Area shall only occur following the completion of clean-up procedures and after a Clearance Inspection has been performed and documented to the satisfaction of the Owner Consultant.

B. Re-secure Moveable Objects removed from their former positions during area preparation activities.

C. Relocate Moveable Objects that were removed to temporary locations back to their original positions.

C. Reestablish HVAC, mechanical and electrical systems to the condition prior to commencement of the Project.

E. Repair all areas of damage that occurred as a result of Abatement or Lead Related Construction Work.

3.06 PROJECT COMPLETION DOCUMENTATION

A. Provide to the Owner Consultant all of the following close-out documentation:

1. Filter change logs for all air filtration units, water filtration units and respirators

2. Foreman's daily job reports

3. Employee entry/exit logs for all Work Areas

4. Visitor entry/exit logs for all Work Area

5. Air sample results for personnel

6. Copies of all hazardous and non-hazardous waste manifest

7. All hazardous waste weight tickets

8. Analytical data and chain of custody for waste characterization

9. All signed Daily Personnel Report Forms

B. Provide Owner Consultant with as-built drawings identifying surfaces where Lead Based Paint has been encapsulated or enclosed.

END OF SECTION

**ATTACHMENT A**

**Scope of Work for LEAD Abatement**

**Warner Middle School**

| | |
|---|---|
| **Project**: Warner Middle School | **Date**: August 23, 24, & 25, 2023 |
| **Address**: 14171 Newland Street, Westminster, California 92683 | |

The work covered by this scope of work includes the removal of painted material in accordance with the attached Specifications for Lead Abatement and applicable federal, state, and local regulations as they apply to the above-referenced site. This scope of work includes the above-referenced specifications and cannot be used separately. In case of conflict between this scope of work and the attached specifications, the specifications shall prevail.

A copy of this Scope of Work is to be posted on-site during the abatement work.

## I. Summary of Work

Perform removal of lead-based painted materials in all areas impacted by the upcoming renovation project.

## II. Submittals

**Pre-job Submittals (as designated)**

| | |
|---|---|
| X | Copy of current state contractor licensing board license |
| X | Copies of current California Department of Public Health lead worker/supervisor and training certificates |
| X | Abatement work schedule |
| X | Copies of worker's annual medical exam including respirator approval and worker's blood lead test within the past year |
| X | Copies of worker's 12-month respirator fit-test records |
| X | Material safety data sheets (MSDS) for all chemicals to be used |
| X | Emergency phone and pager numbers |

**Periodic Submittals (as applicable)**

| | |
|---|---|
| X | Personal Air Monitoring Results |
| X | Updated worker documentation (as needed) |
| X | Work area access logs (daily) |

**Project Completion Submittals (within two weeks of project completion)**

| | |
|---|---|
| X | Certificate of Completion |
| X | Disposal information |
| X | Copies of completed waste manifests (if any) |
| X | Waste profile data (TTLC, TCLP, WET), as applicable. |
| X | Personal air sampling results |

## III Schedule

| |
|---|
| **Start Date:** To be Announced |
| **End Date:** To be Announced |
| **Time Frame:** To be Announced |

## IV Project Contacts

| Company | Name | Phone Number |
|---|---|---|
| Westminster School District | Brian Johnson | (714) 264-4036 |
| Patriot Environmental Laboratory Services, Inc. | Fernando Najera | (714) 899-8900 |

## V Site Access

Arrange site access with the school district at project commencement.

## VI Special Conditions

Adequate staffing and equipment must be dedicated to these projects to ensure completion of removal work in accordance with the project schedule. It is anticipated that dust control will be necessary, in order to prevent the release of lead dust.

## VII Scope of Work

### Lead Abatement

| | |
|---|---|
| **Area 1:** | Building 1,2,3 |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Blue Metal Wall |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Classrooms 1, 2, 3, and Exterior |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 2:** | Building 1,2,3 |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Blue Ceramic Wall Tile |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Boys Restroom |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 3:** | Building 1,2,3 |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Beige Ceramic Tile Baseboard |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Boys Restroom |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 4:** | Building 1,2,3 |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Green Ceramic Tile Wall |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Boys Restroom |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 5:** | Building 4,5,6 |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Blue Metal Wall |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Classrooms 4, 5, 6 and Exterior |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 6:** | Building 4,5,6 |
| **Method:** | Component Removal |
| **Material:** | White Ceramic Tile Drinking Fountain |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Exterior |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 7:** | Building 7,8,9 |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Blue Metal Wall |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Classrooms 7, 8, and 9 |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 8:** | Building 7,8,9 |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Green Ceramic Wall Tile |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Girls Restroom |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 9:** | Building 7,8,9 |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Beige Ceramic Wall Tile |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Girls Restroom |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 10:** | Building 7,8,9 |
| **Method:** | Component Removal |
| **Material:** | White Ceramic Tile Drinking Fountain |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Building 7,8,9 exterior |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 11:** | Admin Building |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Blue Wood Wall |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Office |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths |

| | |
|---|---|
| | adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 12:** | Admin Building |
| **Method:** | Pink Wood Door |
| **Material:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Office |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 13:** | Admin Building |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Blue Ceramic Wall |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Exterior |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 14:** | Boys and Girls Locker Room Building |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Blue Ceramic Tile Wall |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Boys Locker Room, Girls Locker Room, and Bathroom 2 |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 15:** | Boys and Girls Locker Room Building |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | White Ceramic Wall |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | ½ Bathroom, Bathroom 1 |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 16:** | Boys and Girls Locker Room Building |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Gray Ceramic Wall |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | ½ Bathroom |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 17:** | Boys and Girls Locker Room Building |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | White Metal Access Panel |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Exterior |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 18:** | Building 10,11,12 |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Blue Wood Wall |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Classroom 10, 11, and 12 |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 19:** | Building 10,11,12 |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Blue Metal Door |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Classroom 10 |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 20:** | Building 10,11,12 |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Blue Metal Door Jamb |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Classroom 12 |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 21:** | Building 10,11,12 |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Gray Metal Door Jamb |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Utility Closet |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 22:** | Building 10,11,12 |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Gray Wood Fascia |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Exterior |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 23:** | Building 13,14,15,16 |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Blue Wood Wall |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Classroom 13 |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 24:** | Building 13,14,15,16 |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | White Wood Door |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Classroom 13 |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 25:** | Building 13,14,15,16 |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Gray Wood Wall |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Classroom 13 |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 26:** | Building 13,14,15,16 |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | White Ceramic Wall |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Classroom 15 |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 27:** | Building 13,14,15,16 |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Gray Metal Door Jamb |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Classroom 15 |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 28:** | Building 26A,26B,26C |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | White Wood Wall |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Classrooms 26A, 26B, and 26C |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 29:** | Building 17,18,19 |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | White Stucco Wall |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Classroom 17 |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 30:** | Building 17,18,19 |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Blue Wood Wall |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Classroom 19 |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 31:** | Building 17,18,19 |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | White Wood Wall |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Classroom 18 |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 32:** | Building 20,21,22 |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Blue Wood Wall |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Classrooms 20 and 21 |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 33:** | Building 23,24,25 |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | White Wood Wall |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Classrooms 23, 24, and 25 |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 34:** | Building 27,28,29 |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Blue Wood Wall |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Classrooms 27 and 28 |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 35:** | Building 27,28,29 |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Gray Wood Wall |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Classroom 29 |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

| | |
|---|---|
| **Area 36:** | Building 27,28,29 |
| **Method:** | Paint surface stabilization, Wet methods & Drop Cloth |
| **Material:** | Blue Ceramic Wall |
| **Approx. Quantity to be Impacted*** | TBD |
| **Location:** | Girls Restroom |
| **Comments:** | Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris. |

## VIII Monitoring and Clearance Requirements

| Area | Inspection | Clearance Type and Number |
|---|---|---|
| 1 - 36 | Visual | 3-5 dust wipe samples per work area |

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fax - 714-899-1188
PatriotLab.com
1041 S. Placentia Avenue, Fullerton, CA 92831

PATRIOT
Environmental Laboratory Services, Inc.

**October 11, 2023**

Brian Johnson
**Westminster School District**
14121 Cedarwood Avenue
Westminster, CA 92683

Re: **Limited Lead-based Paint Inspection**
Warner Middle School
14171 Newland Street
Westminster, CA 92683

PO No: T6000779

Project No: OC164905

Dear Mr. Johnson,

On August 23, 24, & 25, 2023, California DPH Certified Lead Sampling Technician, Mr. Alejandro Baeza (LRC-00007944) and Mr. Dylan Manning (LRC-00003395) of Patriot Environmental Laboratory Services, Inc. (Patriot) performed a limited lead-based paint (LBP) survey at the above subject property located in Westminster, California. **The purpose of this survey is to identify and assess the Lead-Based Paint (LBP) present at the subject property that will be impacted by a renovation project, for the purpose of complying with the EPA's Renovation Repair and Painting Rule.**

**Site Description**

The subject property is a school structure. The subject buildings are single-story wood frame buildings set on cement slab foundation.

**Scope of Work**

Mr. Alejandro Baeza (LRC-00007944) and Mr. Dylan Manning (LRC-00003395) of Patriot conducted a limited lead-based paint survey at the subject property. The scope of work for the project, was to perform a limited LBP investigation to identify the LBP present on the interior and exterior painted/coated components and surfaces at the subject property. Suspect LBP was identified based on a walk-through of the interior and exterior of the specified buildings.

## Methodology

A hand-held Heuresis Pb200i x-ray fluorescence (XRF) unit (Serial #1810) was used to determine the presence of lead in painted components and surfaces throughout the interior and exterior areas of the subject structure. This XRF unit utilizes a 5 mCi $Cobalt^{57}$ source dated 5/12/22. Readings were collected from representative interior and exterior building components and surfaces.

A hand-held Heuresis Pb200i x-ray fluorescence (XRF) unit (Serial #2933) was used to determine the presence of lead in painted components and surfaces throughout the interior and exterior areas of the subject structure. This XRF unit utilizes a 5 mCi $Cobalt^{57}$ source dated 2/9/21. Readings were collected from representative interior and exterior building components and surfaces.

According to the HUD Guidelines, the definition of a LBP is any paint, varnish, lacquer, putty, plaster, or similar coating material, which contains lead or its compounds equal to or in excess of 1.0 $mg/cm^2$ when measured by a lead detecting instrument or 5,000 parts per million (ppm) by dry weight or more of lead.

All necessary areas of the buildings inspected were accessible to Patriot's representative at the time of this inspection.

## Summary of Findings

A total of 403 XRF readings, including calibration readings, were collected by Patriot during the LBP survey conducted at the subject property. **Lead-based paint at concentrations equal to or greater than 1.0 $mg/cm^2$ were not identified in the XRF readings from the various representative painted structural components and surfaces tested throughout the subject structures.**

The location of the identified lead-based paints in the **interior** of the site structure by XRF includes the following:

- Blue Metal Wall in Building 1,2,3 Classrooms 1, 2, and 3.
- Blue Metal Wall at Building 1,2,3 Exterior.
- Blue Ceramic Wall Tile in Building 1,2,3 Boys Restroom.
- Beige Ceramic Tile Baseboard in Building 1,2,3 Boys Restroom.
- Green Ceramic Tile Wall in Building 1,2,3 Boys Restroom.
- Blue Metal Wall in Building 4,5,6 Classrooms 4, 5, and 6.
- White Ceramic Tile Drinking Fountain at Building 4,5,6 Exterior.
- Blue Metal Wall at Building 4,5,6 Exterior.
- Blue Metal Wall in Building 7,8,9 Classrooms 7, 8, and 9.

- Green Ceramic Wall Tile in Building 7,8,9 Girls Restroom.
- Beige Ceramic Baseboard Tile in Building 7,8,9 Girls Restroom.
- White Ceramic Tile Drinking Fountain at Building 7,8,9 Exterior.
- Blue Wood Wall in Admin Building Office.
- Pink Wood Door in Admin Building Office.
- Blue Ceramic Wall at Admin Building Exterior.
- Blue Ceramic Wall in Boys and Girls Locker Room Building Boys Locker Room, Girls Locker Room, and Bathroom 2.
- White Ceramic Wall in Boys and Girls Locker Room Building ½ Bathroom.
- Gray Ceramic Wall in Boys and Girls Locker Room Building ½ Bathroom.
- White Ceramic Wall in Boys and Girls Locker Room Building Bathroom 1.
- White Metal Access Panel in Boys and Locker Room Building Exterior.
- Blue Wood Wall in Building 10,11,12 Classroom 10, 11, and 12.
- Blue Metal Door in Building 10,11,12 Classroom 10.
- Blue Metal Door Jamb in Building 10,11,12 Classroom 12.
- Gray Metal Door Jamb in Building 10,11,12 Utility Closet
- Gray Wood Fascia in Building 10,11,12 Exterior.
- Blue Wood Wall in Building 13,14,15,16 Classroom 13.
- White Wood Door in Building 13,14,15,16 Classroom 13.
- Gray Wood Wall in Building 13,14,15,16 Classroom 13.
- White Ceramic Wall in Building 13,14,15,16 Classroom 15.
- Gray Metal Door Jamb in Building 13,14,15,16 Classroom 15.
- White Wood Wall in Building 26A,26B,26C Classrooms 26A, 26B, and 26C.
- White Stucco Wall in Building 17,18,19 Classroom 17.
- Blue Wood Wall in Building 17,18,19 Classroom 19.
- White Wood Wall in Building 17,18,19 Classroom 18.
- Blue Wood Wall in Building 20,21,22 Classroom 20, 21
- White Wood Wall in Building 23,24,25 Classrooms 23, 24, and 25.
- Blue Wood Wall in Building 27,28,29 Classrooms 27 and 28.
- Gray Wood Wall in Building 27,28,29 Classroom 29.

- Blue Ceramic Wall in Building 27,28,29, Girls Restroom.

**Recommendations**

The results from this inspection should be provided to any individuals that may disturb the painted components and surfaces. Lead levels below the HUD/RRP threshold criteria may exist on painted surfaces throughout the subject property, therefore other lead regulations may apply.

**Title X Requirements**

A copy of this report must be provided to new lessees (tenants) and purchasers of this property under Federal law (24 CFR part 35 and 40 CFR part 745) before they become obligated under a lease or sales contract. The complete report must also be provided to new purchasers and it must be made available to new tenants. Landlords (lessors) and sellers are also required to distribute an educational pamphlet approved by the U.S. Environmental Protection Agency and include standard warning language in their leases or sales contracts to ensure that parents have the information they need to protect their children from lead-based paint hazards. This report should be maintained and updated as a permanent maintenance record for this property.

The lead-paint determination survey described herein was conducted by the undersigned of Patriot Environmental Laboratory Services, Inc. The investigation consisted solely of the activities described in the introduction to this report.

Reviewed by:

10/11/2023

Maxwell Yourman Date
California DPH Certified LBP Inspector/ Risk Assessor #LRC-00007341

Attachments: 1) XRF Survey Data
2) Site Plan
3) Certifications
4) DPH 8552 Form

# XRF Analysis Data

PATRIOT Environmental Laboratory Services, Inc.

To: Brian Johnson
Westminster School District
14121 Cedarwood Avenue
Westminster, CA 92683
PO No: T6000779

Serial # Pb200I-2933 & Pb200I-1810
Site: 14171 Newland Street
Westminster, CA 92683
Date: 8/23/2023,8/24/23, 8/25/23

| Reading No | COMPONENT | SUBSTRATE | SIDE | CONDITION | COLOR | Building | ROOM | Results | mgcm2 | Action Level | Nom Secs | 3 SD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Calibrate - Front | | | | | | | Positive | 1 | 1 | 5 | 0.1 |
| 2 | Calibrate - Front | | | | | | | Positive | 1 | 1 | 5 | 0.1 |
| 3 | Calibrate - Front | | | | | | | Positive | 1 | 1 | 5 | 0.1 |
| 4 | Wall | Drywall | B | Intact - Fair | White | Building 1,2,3 | Classroom 1 | Negative | 0.2 | 1 | 2 | 0.2 |
| 5 | Wall | Drywall | C | Intact - Fair | White | Building 1,2,3 | Classroom 1 | Negative | 0 | 1 | 2 | 0.2 |
| **6** | **Wall** | **Metal** | **C** | **Intact - Fair** | **Blue** | **Building 1,2,3** | **Classroom 1** | **Positive** | **1.7** | **1** | **2** | **0.2** |
| 7 | Door Jamb/Casing | Metal | C | Intact - Fair | Blue | Building 1,2,3 | Classroom 1 | Negative | 0.5 | 1 | 2 | 0.2 |
| 8 | Door | Wood | C | Intact - Fair | Gray | Building 1,2,3 | Classroom 1 | Negative | 0.4 | 1 | 2 | 0.2 |
| 9 | Wall | Drywall | D | Intact - Fair | White | Building 1,2,3 | Classroom 1 | Negative | 0 | 1 | 2 | 0.2 |
| 10 | Wall | Drywall | A | Intact - Fair | White | Building 1,2,3 | Classroom 1 A | Negative | 0.2 | 1 | 2 | 0.2 |
| 11 | Wall | Drywall | C | Intact - Fair | White | Building 1,2,3 | Classroom 1 A | Negative | 0 | 1 | 2 | 0.2 |
| 12 | Wall | Drywall | D | Intact - Fair | White | Building 1,2,3 | Classroom 1 A | Negative | 0.2 | 1 | 2 | 0.2 |
| 13 | Wall | Drywall | D | Intact - Fair | White | Building 1,2,3 | Classroom 3 | Negative | 0.2 | 1 | 2 | 0.2 |
| 14 | Wall | Drywall | C | Intact - Fair | White | Building 1,2,3 | Classroom 3 | Negative | 0.3 | 1 | 2 | 0.2 |
| **15** | **Wall** | **Metal** | **C** | **Intact - Fair** | **Blue** | **Building 1,2,3** | **Classroom 3** | **Positive** | **2.1** | **1** | **2** | **0.2** |
| 16 | Door Jamb/Casing | Metal | A | Intact - Fair | Blue | Building 1,2,3 | Classroom 3 | Negative | 0.2 | 1 | 3 | 0.2 |
| 17 | Door | Wood | A | Intact - Fair | Gray | Building 1,2,3 | Classroom 3 | Negative | 0.8 | 1 | 5 | 0.1 |
| 18 | Wall | Drywall | B | Intact - Fair | White | Building 1,2,3 | Classroom 3 | Negative | 0 | 1 | 2 | 0.2 |
| 19 | Cover Overhang | Stucco | A | Intact - Fair | White | Building 1,2,3 | Exterior | Negative | 0.4 | 1 | 2 | 0.2 |
| 20 | Fascia | Wood | A | Intact - Fair | Blue | Building 1,2,3 | Exterior | Negative | 0.2 | 1 | 2 | 0.2 |
| 21 | Wall | Stucco | B | Intact - Fair | White | Building 1,2,3 | Exterior | Negative | 0.4 | 1 | 2 | 0.2 |
| **22** | **Wall** | **Metal** | **C** | **Intact - Fair** | **Blue** | **Building 1,2,3** | **Exterior** | **Positive** | **2** | **1** | **2** | **0.2** |
| **23** | **Wall** | **Ceramic Tile** | **A** | **Intact - Fair** | **Blue** | **Building 1,2,3** | **Boys Restroom** | **Positive** | **9.9** | **1** | **2** | **0.2** |
| **24** | **Wall** | **Ceramic Tile** | **B** | **Intact - Fair** | **Blue** | **Building 1,2,3** | **Boys Restroom** | **Positive** | **11.7** | **1** | **2** | **0.2** |
| **25** | **Wall** | **Ceramic Tile** | **C** | **Intact - Fair** | **Blue** | **Building 1,2,3** | **Boys Restroom** | **Positive** | **11.1** | **1** | **2** | **0.2** |
| 26 | Wall | Ceramic Tile | C | Intact - Fair | White | Building 1,2,3 | Boys Restroom | Negative | 0 | 1 | 2 | 0.2 |
| 27 | Wall | Ceramic Tile | C | Intact - Fair | Beige | Building 1,2,3 | Boys Restroom | Negative | 0.1 | 1 | 2 | 0.2 |
| **28** | **Baseboard** | **Ceramic Tile** | **D** | **Intact - Fair** | **Beige** | **Building 1,2,3** | **Boys Restroom** | **Positive** | **13.2** | **1** | **2** | **0.2** |
| **29** | **Wall** | **Ceramic Tile** | **D** | **Intact - Fair** | **Green** | **Building 1,2,3** | **Boys Restroom** | **Positive** | **8.9** | **1** | **2** | **0.2** |
| 30 | Floor | Ceramic Tile | Floor | Intact - Fair | Tan | Building 1,2,3 | Boys Restroom | Negative | 0.1 | 1 | 2 | 0.2 |
| 31 | Floor | Ceramic Tile | Floor | Intact - Fair | Tan | Building 1,2,3 | Boys Restroom | Negative | 0 | 1 | 2 | 0.2 |
| 32 | Wall | Drywall | A | Intact - Fair | White | Building 1,2,3 | Boys Restroom | Negative | 0.3 | 1 | 2 | 0.2 |
| 33 | Wall | Drywall | B | Intact - Fair | White | Building 1,2,3 | Boys Restroom | Negative | 0.3 | 1 | 2 | 0.2 |
| 34 | Wall | Drywall | C | Intact - Fair | White | Building 1,2,3 | Boys Restroom | Negative | 0.2 | 1 | 2 | 0.2 |
| 35 | Wall | Drywall | D | Intact - Fair | White | Building 1,2,3 | Boys Restroom | Negative | 0.2 | 1 | 2 | 0.2 |
| 36 | Ceiling | Drywall | Ceilng | Intact - Fair | White | Building 1,2,3 | Boys Restroom | Negative | 0.2 | 1 | 2 | 0.2 |
| 37 | Wall | Drywall | C | Intact - Fair | White | Building 1,2,3 | Classroom 2 | Negative | 0 | 1 | 2 | 0.2 |
| 38 | Wall | Drywall | D | Intact - Fair | White | Building 1,2,3 | Classroom 2 | Negative | 0.2 | 1 | 2 | 0.2 |
| **39** | **Wall** | **Metal** | **C** | **Intact - Fair** | **Blue** | **Building 1,2,3** | **Classroom 2** | **Positive** | **1.8** | **1** | **2** | **0.2** |
| 40 | Door Jamb/Casing | Metal | C | Intact - Fair | Blue | Building 1,2,3 | Classroom 2 | Negative | 0.4 | 1 | 2 | 0.2 |
| 41 | Door | Wood | C | Intact - Fair | Blue | Building 1,2,3 | Classroom 2 | Negative | 0.5 | 1 | 2 | 0.2 |
| 42 | Door | Wood | C | Intact - Fair | Blue | Building 4,5,6 | Classroom 4 | Negative | 0.7 | 1 | 2 | 0.2 |

# XRF Analysis Data

| Reading No | COMPONENT | SUBSTRATE | SIDE | CONDITION | COLOR | Building | ROOM | Results | mgcm2 | Action Level | Nom Secs | 3 SD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 43 | Door Jamb/Casing | Metal | C | Intact - Fair | Blue | Building 4,5,6 | Classroom 4 | Negative | 0.4 | 1 | 2 | 0.2 |
| 44 | Wall | Drywall | C | Intact - Fair | White | Building 4,5,6 | Classroom 4 | Negative | 0 | 1 | 2 | 0.2 |
| **45** | **Wall** | **Metal** | **C** | **Intact - Fair** | **Blue** | **Building 4,5,6** | **Classroom 4** | **Positive** | **1.6** | **1** | **2** | **0.2** |
| 46 | Wall | Drywall | B | Intact - Fair | White | Building 4,5,6 | Classroom 4 | Negative | 0.3 | 1 | 2 | 0.2 |
| 47 | Wall | Drywall | D | Intact - Fair | White | Building 4,5,6 | Classroom 5 | Negative | 0.3 | 1 | 2 | 0.2 |
| 48 | Wall | Drywall | C | Intact - Fair | White | Building 4,5,6 | Classroom 5 | Negative | 0 | 1 | 2 | 0.2 |
| 49 | Wall | Drywall | C | Intact - Fair | White | Building 4,5,6 | Classroom 5 | Negative | 0 | 1 | 2 | 0.2 |
| 50 | Wall | Drywall | B | Intact - Fair | White | Building 4,5,6 | Classroom 5 | Negative | 0 | 1 | 2 | 0.2 |
| **51** | **Wall** | **Metal** | **C** | **Intact - Fair** | **Blue** | **Building 4,5,6** | **Classroom 5** | **Positive** | **1.6** | **1** | **2** | **0.2** |
| 52 | Door Jamb/Casing | Metal | A | Intact - Fair | Blue | Building 4,5,6 | Classroom 5 | Negative | 0 | 1 | 2 | 0.2 |
| 53 | Door Jamb/Casing | Metal | A | Intact - Fair | Blue | Building 4,5,6 | Classroom 6 | Negative | 0.7 | 1 | 3 | 0.2 |
| 54 | Wall | Drywall | B | Intact - Fair | White | Building 4,5,6 | Classroom 6 | Negative | 0.4 | 1 | 2 | 0.2 |
| 55 | Wall | Drywall | C | Intact - Fair | White | Building 4,5,6 | Classroom 6 | Negative | 0 | 1 | 2 | 0.2 |
| 56 | Wall | Drywall | B | Intact - Fair | White | Building 4,5,6 | Classroom 6 | Negative | 0.2 | 1 | 2 | 0.2 |
| **57** | **Wall** | **Metal** | **C** | **Intact - Fair** | **Blue** | **Building 4,5,6** | **Classroom 6** | **Positive** | **2.2** | **1** | **2** | **0.2** |
| 58 | Wall | Drywall | A | Intact - Fair | White | Building 4,5,6 | Classroom 6 A | Negative | 0.2 | 1 | 2 | 0.2 |
| 59 | Wall | Drywall | B | Intact - Fair | White | Building 4,5,6 | Classroom 6 A | Negative | 0.2 | 1 | 2 | 0.2 |
| 60 | Door | Wood | C | Intact - Fair | Gray | Building 4,5,6 | Classroom 6 A | Negative | 0.1 | 1 | 2 | 0.2 |
| 61 | Wall | Stucco | D | Intact - Fair | White | Building 4,5,6 | Janitors Closet | Negative | 0.3 | 1 | 2 | 0.2 |
| 62 | Wall | Stucco | C | Intact - Fair | White | Building 4,5,6 | Janitors Closet | Negative | 0.3 | 1 | 2 | 0.2 |
| 63 | Ceiling | Stucco | Ceilng | Intact - Fair | White | Building 4,5,6 | Janitors Closet | Negative | 0.2 | 1 | 2 | 0.2 |
| 64 | Sink | Ceramic Coated | D | Intact - Fair | White | Building 4,5,6 | Janitors Closet | Negative | 0.1 | 1 | 2 | 0.2 |
| **65** | **Drinking Fountain** | **Ceramic Tile** | **A** | **Intact - Fair** | **White** | **Building 4,5,6** | **Exterior** | **Positive** | **28.5** | **1** | **2** | **0.2** |
| **66** | **Drinking Fountain** | **Ceramic Tile** | **A** | **Intact - Fair** | **White** | **Building 4,5,6** | **Exterior** | **Positive** | **29.7** | **1** | **2** | **0.2** |
| **67** | **Drinking Fountain** | **Ceramic Tile** | **A** | **Intact - Fair** | **White** | **Building 4,5,6** | **Exterior** | **Positive** | **29.9** | **1** | **2** | **0.2** |
| **68** | **Wall** | **Metal** | **C** | **Intact - Fair** | **Blue** | **Building 4,5,6** | **Exterior** | **Positive** | **1.9** | **1** | **2** | **0.2** |
| 69 | Cover Overhang | Stucco | A | Intact - Fair | White | Building 4,5,6 | Exterior | Negative | 0.5 | 1 | 2 | 0.2 |
| 70 | Fascia | Wood | A | Intact - Fair | Blue | Building 4,5,6 | Exterior | Negative | 0.2 | 1 | 2 | 0.2 |
| 71 | Door Jamb/Casing | Metal | A | Intact - Fair | Blue | Building 7,8,9 | Classroom 7 | Negative | 0.3 | 1 | 2 | 0.2 |
| 72 | Door | Wood | C | Intact - Fair | Blue | Building 7,8,9 | Classroom 7 | Negative | 0.1 | 1 | 2 | 0.2 |
| **73** | **Wall** | **Metal** | **C** | **Intact - Fair** | **Blue** | **Building 7,8,9** | **Classroom 7** | **Positive** | **1.8** | **1** | **2** | **0.2** |
| 74 | Wall | Drywall | B | Intact - Fair | White | Building 7,8,9 | Classroom 7 | Negative | 0.4 | 1 | 2 | 0.2 |
| 75 | Wall | Drywall | D | Intact - Fair | White | Building 7,8,9 | Classroom 8 | Negative | 0 | 1 | 2 | 0.2 |
| 76 | Wall | Drywall | C | Intact - Fair | White | Building 7,8,9 | Classroom 8 | Negative | 0 | 1 | 2 | 0.2 |
| 77 | Wall | Drywall | B | Intact - Fair | White | Building 7,8,9 | Classroom 8 | Negative | 0 | 1 | 2 | 0.2 |
| **78** | **Wall** | **Metal** | **C** | **Intact - Fair** | **Blue** | **Building 7,8,9** | **Classroom 8** | **Positive** | **2.1** | **1** | **2** | **0.2** |
| **79** | **Wall** | **Metal** | **C** | **Intact - Fair** | **Blue** | **Building 7,8,9** | **Classroom 9** | **Positive** | **1.8** | **1** | **2** | **0.2** |
| 80 | Wall | Drywall | B | Intact - Fair | White | Building 7,8,9 | Classroom 9 | Negative | 0 | 1 | 2 | 0.2 |
| 81 | Wall | Drywall | D | Intact - Fair | White | Building 7,8,9 | Classroom 9 | Negative | 0 | 1 | 2 | 0.2 |
| 82 | Door | Wood | C | Intact - Fair | Blue | Building 7,8,9 | Classroom 9 | Negative | 0 | 1 | 2 | 0.2 |
| 83 | Wall | Drywall | A | Intact - Fair | White | Building 7,8,9 | Classroom 9 A | Negative | 0.3 | 1 | 2 | 0.2 |
| 84 | Wall | Drywall | B | Intact - Fair | White | Building 7,8,9 | Classroom 9 A | Negative | 0.2 | 1 | 2 | 0.2 |
| 85 | Wall | Drywall | D | Intact - Fair | White | Building 7,8,9 | Classroom 9 A | Negative | 0.4 | 1 | 2 | 0.2 |
| **86** | **Wall** | **Ceramic Tile** | **A** | **Intact - Fair** | **Green** | **Building 7,8,9** | **Girls Restroom** | **Positive** | **9.9** | **1** | **2** | **0.2** |
| **87** | **Wall** | **Ceramic Tile** | **B** | **Intact - Fair** | **Green** | **Building 7,8,9** | **Girls Restroom** | **Positive** | **10.2** | **1** | **2** | **0.2** |
| 88 | Wall | Ceramic Tile | C | Intact - Fair | White | Building 7,8,9 | Girls Restroom | Negative | 0.4 | 1 | 2 | 0.2 |
| **89** | **Wall** | **Ceramic Tile** | **D** | **Intact - Fair** | **Green** | **Building 7,8,9** | **Girls Restroom** | **Positive** | **9.4** | **1** | **2** | **0.2** |

# XRF Analysis Data

| Reading No | COMPONENT | SUBSTRATE | SIDE | CONDITION | COLOR | Building | ROOM | Results | mgcm2 | Action Level | Nom Secs | 3 SD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **90** | **Baseboard** | **Ceramic Tile** | **B** | **Intact - Fair** | **Beige** | **Building 7,8,9** | **Girls Restroom** | **Positive** | **14.1** | **1** | **2** | **0.2** |
| 91 | Floor | Ceramic Tile | Floor | Intact - Fair | Beige | Building 7,8,9 | Girls Restroom | Negative | 0 | 1 | 2 | 0.2 |
| 92 | Wall | Drywall | B | Intact - Fair | White | Building 7,8,9 | Girls Restroom | Negative | 0 | 1 | 2 | 0.2 |
| 93 | Wall | Drywall | C | Intact - Fair | White | Building 7,8,9 | Girls Restroom | Negative | 0 | 1 | 2 | 0.2 |
| 94 | Wall | Drywall | D | Intact - Fair | White | Building 7,8,9 | Girls Restroom | Negative | 0 | 1 | 2 | 0.2 |
| 95 | Ceiling | Drywall | Ceilng | Intact - Fair | White | Building 7,8,9 | Girls Restroom | Negative | 0 | 1 | 2 | 0.2 |
| 96 | Wall | Wood | A | Intact - Fair | Gray | Building 7,8,9 | Girls Restroom | Negative | 0.1 | 1 | 2 | 0.2 |
| 97 | Door | Wood | A | Intact - Fair | Gray | Building 7,8,9 | Exterior | Negative | 0.1 | 1 | 2 | 0.2 |
| 98 | Door Jamb/Casing | Metal | A | Intact - Fair | Gray | Building 7,8,9 | Exterior | Negative | 0.1 | 1 | 2 | 0.2 |
| 99 | Cover overhang | Stucco | A | Intact - Fair | White | Building 7,8,9 | Exterior | Negative | 0 | 1 | 2 | 0.2 |
| 100 | Fascia | Wood | A | Intact - Fair | Blue | Building 7,8,9 | Exterior | Negative | 0.1 | 1 | 2 | 0.2 |
| **101** | **Wall** | **Metal** | **C** | **Intact - Fair** | **Blue** | **Building 7,8,9** | **Exterior** | **Positive** | **1.6** | **1** | **2** | **0.2** |
| **102** | **Drinking Fountain** | **Ceramic Tile** | **A** | **Intact - Fair** | **White** | **Building 7,8,9** | **Exterior** | **Positive** | **23.8** | **1** | **2** | **0.2** |
| 103 | Calibrate - Back | | | | | | | Positive | 1 | 1 | 5 | 0.1 |
| 104 | Calibrate - Back | | | | | | | Negative | 0.9 | 1 | 5 | 0.1 |
| 105 | Calibrate - Back | | | | | | | Negative | 0.9 | 1 | 5 | 0.1 |
| 106 | Calibration-Front | | | | | | | Positive | 1.1 | 1 | 5 | 0.2 |
| 107 | Calibration-Front | | | | | | | Positive | 1.2 | 1 | 5 | 0.2 |
| 108 | Calibration-Front | | | | | | | Positive | 1 | 1 | 5 | 0.2 |
| 109 | Wall | Brick | | Intact | Yellow | Admin Building | Office | Negative | 0.2 | 1 | 2 | 0.4 |
| 110 | Wall | Brick | C | Intact | Grey | Admin Building | Office | Negative | 0.2 | 1 | 2 | 0.4 |
| 111 | Wall | Plaster | D | Intact | Blue | Admin Building | Office | Negative | 0.3 | 1 | 2 | 0.4 |
| 112 | Window Sash | Wood | D | Intact | Blue | Admin Building | Office | Negative | 0.4 | 1 | 2 | 0.4 |
| 113 | Window Sill | Wood | D | Intact | Grey | Admin Building | Office | Negative | 0.4 | 1 | 2 | 0.4 |
| **114** | **Wall** | **Wood** | **D** | **Intact** | **Blue** | **Admin Building** | **Office** | **Positive** | **2.1** | **1** | **2** | **0.4** |
| **115** | **Door** | **Wood** | **D** | **Intact** | **Pink** | **Admin Building** | **Office** | **Positive** | **1** | **1** | **5** | **0.2** |
| 116 | Door Jamb | Metal | D | Intact | Grey | Admin Building | Office | Negative | 0.4 | 1 | 2 | 0.4 |
| 117 | Wall | Ceramic | A | Intact | White | Admin Building | Bathroom 1 | Negative | 0.4 | 1 | 2 | 0.4 |
| 118 | Wall | Ceramic | A | Intact | White | Admin Building | Bathroom 1 | Negative | 0.4 | 1 | 2 | 0.4 |
| 119 | Door | Wood | A | Intact | White | Admin Building | Bathroom 1 | Negative | 0 | 1 | 2 | 0.4 |
| 120 | Door Jamb | Metal | A | Intact | White | Admin Building | Bathroom 1 | Negative | 0.1 | 1 | 2 | 0.4 |
| 121 | Wall | Plaster | A | Intact | White | Admin Building | Bathroom 2 | Negative | 0.1 | 1 | 2 | 0.4 |
| 122 | Wall | Plaster | B | Intact | White | Admin Building | Bathroom 2 | Negative | 0.4 | 1 | 2 | 0.4 |
| 123 | Wall | Plaster | C | Intact | White | Admin Building | Bathroom 2 | Negative | 0 | 1 | 2 | 0.4 |
| 124 | Wall | Plaster | D | Intact | White | Admin Building | Bathroom 2 | Negative | 0.4 | 1 | 2 | 0.4 |
| 125 | Door | Wood | A | Intact | White | Admin Building | Bathroom 2 | Negative | 0 | 1 | 2 | 0.4 |
| 126 | Door Jamb | Metal | A | Intact | White | Admin Building | Bathroom 2 | Negative | 0.2 | 1 | 2 | 0.4 |
| 127 | Wall | Plaster | A | Intact | White | Admin Building | Office | Negative | 0 | 1 | 2 | 0.4 |
| 128 | Wall | Plaster | B | Intact | White | Admin Building | Office | Negative | 0 | 1 | 2 | 0.4 |
| 129 | Wall | Plaster | C | Intact | White | Admin Building | Office | Negative | 0.2 | 1 | 2 | 0.4 |
| 130 | Door | Wood | D | Intact | White | Admin Building | Office | Negative | 0.1 | 1 | 2 | 0.4 |
| 131 | Door Jamb | Wood | D | Intact | White | Admin Building | Office | Negative | 0.8 | 1 | 5 | 0.2 |
| 132 | Wall | Plaster | A | Intact | White | Admin Building | Reception | Negative | 0.6 | 1 | 4 | 0.3 |
| 133 | Wall | Plaster | B | Intact | White | Admin Building | Reception | Negative | 0.1 | 1 | 2 | 0.4 |
| 134 | Wall | Brick | D | Intact | White | Admin Building | Reception | Negative | 0.1 | 1 | 2 | 0.4 |
| 135 | Fascia | Wood | C | Intact | White | Admin Building | Reception | Negative | 0 | 1 | 2 | 0.4 |
| 136 | Soffit | Stucco | A | Intact | White | Admin Building | Reception | Negative | 0.2 | 1 | 2 | 0.4 |

# XRF Analysis Data

| Reading No | COMPONENT | SUBSTRATE | SIDE | CONDITION | COLOR | Building | ROOM | Results | mgcm2 | Action Level | Nom Secs | 3 SD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 137 | Wall | Plaster | A | Intact | White | Admin Building | Storage Room | Negative | 0.2 | 1 | 2 | 0.4 |
| 138 | Door Jamb | Wood | A | Intact | White | Admin Building | Storage Room | Negative | 0.6 | 1 | 4 | 0.3 |
| 139 | Wall | Plaster | A | Intact | White | Admin Building | Faculty Room | Negative | 0.2 | 1 | 2 | 0.4 |
| 140 | Wall | Plaster | B | Intact | White | Admin Building | Faculty Room | Negative | 0.1 | 1 | 2 | 0.4 |
| 141 | Wall | Brick | C | Intact | White | Admin Building | Faculty Room | Negative | 0.5 | 1 | 3 | 0.3 |
| 142 | Wall | Brick | C | Intact | White | Admin Building | Faculty Room | Negative | 0.5 | 1 | 3 | 0.3 |
| 143 | Wall | Plaster | D | Intact | White | Admin Building | Faculty Room | Negative | 0 | 1 | 2 | 0.4 |
| 144 | Wall | Plaster | A | Intact | White | Admin Building | 1/2 Bathroom | Negative | 0.4 | 1 | 3 | 0.3 |
| 145 | Door | Wood | A | Intact | White | Admin Building | 1/2 Bathroom | Negative | 0.1 | 1 | 2 | 0.4 |
| 146 | Door Jamb | Wood | A | Intact | White | Admin Building | 1/2 Bathroom | Negative | 0.4 | 1 | 2 | 0.4 |
| 147 | Wall | Plaster | A | Intact | White | Admin Building | Office | Negative | 0.1 | 1 | 2 | 0.4 |
| 148 | Wall | Brick | B | Intact | White | Admin Building | Office | Negative | 0.3 | 1 | 2 | 0.4 |
| 149 | Wall | Brick | C | Intact | White | Admin Building | Office | Negative | 0.2 | 1 | 2 | 0.4 |
| 150 | Access Panel | Wood | C | Intact | White | Admin Building | Office | Negative | 0 | 1 | 2 | 0.4 |
| 151 | Wall | Brick | D | Intact | White | Admin Building | Office | Negative | 0.3 | 1 | 2 | 0.4 |
| 152 | Door Jamb | Wood | A | Intact | White | Admin Building | Office | Negative | 0.2 | 1 | 2 | 0.4 |
| 153 | Door Jamb | Wood | C | Intact | Gray | Admin Building | Office | Negative | 0.6 | 1 | 5 | 0.2 |
| 154 | Door Jamb | Wood | C | Intact | Gray | Admin Building | Office | Negative | 0.7 | 1 | 5 | 0.2 |
| 155 | Soffit | Stucco | A | Intact | White | Admin Building | Exterior | Negative | 0.3 | 1 | 2 | 0.4 |
| 156 | Fascia | Stucco | A | Intact | Gray | Admin Building | Exterior | Negative | 0.2 | 1 | 2 | 0.4 |
| **157** | **Wall** | **Ceramic** | **B** | **Intact** | **Blue** | **Admin Building** | **Exterior** | **Positive** | **17.4** | **1** | **2** | **0.4** |
| 158 | Wall | Ceramic | A | Intact | White | Boys and Girls Locker Room Building | Boys Locker Room | Negative | 0.4 | 1 | 2 | 0.4 |
| **159** | **Wall** | **Ceramic** | **B** | **Intact** | **Blue** | **Boys and Girls Locker Room Building** | **Boys Locker Room** | **Positive** | **10.6** | **1** | **2** | **0.4** |
| 160 | Cabinets | Metal | A | Intact | Blue | Boys and Girls Locker Room Building | Boys Locker Room | Negative | 0.1 | 1 | 2 | 0.4 |
| 161 | Wall | Ceramic | A | Intact | Blue | Boys and Girls Locker Room Building | Boys Locker Room | Negative | 0 | 1 | 2 | 0.4 |
| 162 | Door | Wood | A | Intact | Blue | Boys and Girls Locker Room Building | Boys Locker Room | Negative | 0.1 | 1 | 2 | 0.4 |
| 163 | Door Jamb | Metal | A | Intact | Gray | Boys and Girls Locker Room Building | Boys Locker Room | Negative | 0.1 | 1 | 2 | 0.4 |
| 164 | Wall | Plaster | A | Intact | White | Boys and Girls Locker Room Building | Boys Locker Room | Negative | 0.6 | 1 | 4 | 0.3 |
| 165 | Wall | Plaster | B | Intact | White | Boys and Girls Locker Room Building | Boys Locker Room | Negative | 0.1 | 1 | 2 | 0.4 |
| 166 | Wall | Plaster | C | Intact | White | Boys and Girls Locker Room Building | Boys Locker Room | Negative | 0 | 1 | 2 | 0.4 |
| 167 | Wall | Plaster | D | Intact | White | Boys and Girls Locker Room Building | Boys Locker Room | Negative | 0.5 | 1 | 3 | 0.3 |
| 168 | Door | Wood | A | Intact | White | Boys and Girls Locker Room Building | Boys Locker Room | Negative | 0.1 | 1 | 2 | 0.4 |
| 169 | Door Jamb | Wood | A | Intact | White | Boys and Girls Locker Room Building | Boys Locker Room | Negative | 0.5 | 1 | 3 | 0.3 |
| 170 | Wall | Plaster | A | Intact | White | Boys and Girls Locker Room Building | 1/2 Bathroom | Negative | 0.1 | 1 | 2 | 0.4 |
| 171 | Wall | Plaster | B | Intact | White | Boys and Girls Locker Room Building | 1/2 Bathroom | Negative | 0 | 1 | 2 | 0.4 |
| 172 | Wall | Plaster | C | Intact | White | Boys and Girls Locker Room Building | 1/2 Bathroom | Negative | 0.6 | 1 | 4 | 0.3 |
| 173 | Wall | Plaster | D | Intact | White | Boys and Girls Locker Room Building | 1/2 Bathroom | Negative | 0.5 | 1 | 3 | 0.3 |
| **174** | **Wall** | **Ceramic** | **C** | **Intact** | **White** | **Boys and Girls Locker Room Building** | **1/2 Bathroom** | **Positive** | **8.7** | **1** | **2** | **0.4** |
| **175** | **Wall** | **Ceramic** | **A** | **Intact** | **Gray** | **Boys and Girls Locker Room Building** | **1/2 Bathroom** | **Positive** | **11.1** | **1** | **2** | **0.4** |
| 176 | Wall | Ceramic | A | Intact | Gray | Boys and Girls Locker Room Building | 1/2 Bathroom | Negative | 0.4 | 1 | 2 | 0.4 |
| 177 | Wall | Plaster | A | Intact | White | Boys and Girls Locker Room Building | 1/2 Bathroom | Negative | 0.1 | 1 | 2 | 0.4 |
| **178** | **Wall** | **Ceramic** | **A** | **Intact** | **White** | **Boys and Girls Locker Room Building** | **Bathroom 1** | **Positive** | **11.3** | **1** | **2** | **0.4** |
| 179 | Wall | Ceramic | A | Intact | White | Boys and Girls Locker Room Building | Bathroom 1 | Negative | 0.3 | 1 | 2 | 0.4 |
| 180 | Wall | Plaster | A | Intact | White | Boys and Girls Locker Room Building | Bathroom 1 | Negative | 0.3 | 1 | 2 | 0.4 |
| 181 | Wall | Plaster | A | Intact | White | Boys and Girls Locker Room Building | Utility Closet | Negative | 0.4 | 1 | 2 | 0.4 |
| 182 | Wall | Plaster | A | Intact | White | Boys and Girls Locker Room Building | Utility Closet | Negative | 0.3 | 1 | 2 | 0.4 |
| 183 | Door | Wood | A | Intact | White | Boys and Girls Locker Room Building | Utility Closet | Negative | 0.2 | 1 | 2 | 0.4 |

# XRF Analysis Data

| Reading No | COMPONENT | SUBSTRATE | SIDE | CONDITION | COLOR | Building | ROOM | Results | mgcm2 | Action Level | Nom Secs | 3 SD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 184 | Door Jamb | Wood | A | Intact | White | Boys and Girls Locker Room Building | Utility Closet | Negative | 0.2 | 1 | 2 | 0.4 |
| 185 | Wall | Plaster | C | Intact | White | Boys and Girls Locker Room Building | Storage Room | Negative | 0.3 | 1 | 2 | 0.4 |
| 186 | Door | Wood | C | Intact | Gray | Boys and Girls Locker Room Building | Storage Room | Negative | 0.7 | 1 | 5 | 0.2 |
| 187 | Door Jamb | Wood | C | Intact | Gray | Boys and Girls Locker Room Building | Storage Room | Negative | 0.8 | 1 | 5 | 0.2 |
| 188 | Wall | Plaster | C | Intact | White | Boys and Girls Locker Room Building | Office Storage Room | Negative | 0.1 | 1 | 2 | 0.4 |
| 189 | Door | Wood | A | Intact | White | Boys and Girls Locker Room Building | Office Storage Room | Negative | 0.8 | 1 | 5 | 0.2 |
| 190 | Door Jamb | Wood | A | Intact | Blue | Boys and Girls Locker Room Building | Office Storage Room | Negative | 0.7 | 1 | 5 | 0.2 |
| 191 | Wall | Ceramic | A | Intact | White | Boys and Girls Locker Room Building | Girls Locker Room | Negative | 0.3 | 1 | 2 | 0.4 |
| **192** | **Wall** | **Ceramic** | **A** | **Intact** | **Blue** | **Boys and Girls Locker Room Building** | **Girls Locker Room** | **Positive** | **10.3** | **1** | **2** | **0.4** |
| 193 | Wall | Plaster | C | Intact | White | Boys and Girls Locker Room Building | Girls Locker Room | Negative | 0.1 | 1 | 2 | 0.4 |
| 194 | Door | Wood | A | Intact | White | Boys and Girls Locker Room Building | Girls Locker Room | Negative | 0.1 | 1 | 2 | 0.4 |
| 195 | Door Jamb | Metal | A | Intact | Blue | Boys and Girls Locker Room Building | Girls Locker Room | Negative | 0.2 | 1 | 2 | 0.4 |
| **196** | **Wall** | **Ceramic** | **A** | **Intact** | **Blue** | **Boys and Girls Locker Room Building** | **Bathroom 2** | **Positive** | **10.3** | **1** | **2** | **0.4** |
| 197 | Wall | Plaster | A | Intact | White | Boys and Girls Locker Room Building | Bathroom 2 | Negative | 0.1 | 1 | 2 | 0.4 |
| 198 | Wall | Plaster | B | Intact | White | Boys and Girls Locker Room Building | Bathroom 2 | Negative | 0.5 | 1 | 2 | 0.4 |
| 199 | Wall | Plaster | C | Intact | White | Boys and Girls Locker Room Building | Bathroom 2 | Negative | 0 | 1 | 2 | 0.4 |
| 200 | Wall | Plaster | D | Intact | White | Boys and Girls Locker Room Building | Bathroom 2 | Negative | 0.2 | 1 | 2 | 0.4 |
| 201 | Wall | Plaster | C | Intact | White | Boys and Girls Locker Room Building | Bathroom 2 | Negative | 0.4 | 1 | 2 | 0.4 |
| 202 | Wall | Ceramic | C | Intact | Blue | Boys and Girls Locker Room Building | Bathroom 2 | Negative | 0.4 | 1 | 2 | 0.4 |
| 203 | Wall | Plaster | A | Intact | White | Boys and Girls Locker Room Building | Girls Locker Room | Negative | 0.1 | 1 | 2 | 0.4 |
| 204 | Wall | Plaster | B | Intact | White | Boys and Girls Locker Room Building | Girls Locker Room | Negative | 0 | 1 | 2 | 0.4 |
| 205 | Wall | Plaster | C | Intact | White | Boys and Girls Locker Room Building | Girls Locker Room | Negative | 0.1 | 1 | 2 | 0.4 |
| 206 | Wall | Plaster | D | Intact | White | Boys and Girls Locker Room Building | Girls Locker Room | Negative | 0.1 | 1 | 2 | 0.4 |
| 207 | Door | Wood | A | Intact | White | Boys and Girls Locker Room Building | Girls Locker Room | Negative | 0.1 | 1 | 2 | 0.4 |
| 208 | Door Jamb | Wood | A | Intact | White | Boys and Girls Locker Room Building | Girls Locker Room | Negative | 0.5 | 1 | 3 | 0.3 |
| 209 | Wall | Plaster | A | Intact | White | Boys and Girls Locker Room Building | 1/2 Bathroom | Negative | 0.1 | 1 | 3 | 0.3 |
| 210 | Wall | Plaster | B | Intact | White | Boys and Girls Locker Room Building | 1/2 Bathroom | Negative | 0 | 1 | 2 | 0.4 |
| 211 | Wall | Plaster | D | Intact | White | Boys and Girls Locker Room Building | 1/2 Bathroom | Negative | 0.1 | 1 | 2 | 0.4 |
| 212 | Wall | Plaster | A | Intact | White | Boys and Girls Locker Room Building | 1/2 Bathroom | Negative | 0.2 | 1 | 2 | 0.4 |
| 213 | Cabinets | Metal | A | Intact | Blue | Boys and Girls Locker Room Building | 1/2 Bathroom | Negative | 0 | 1 | 2 | 0.4 |
| 214 | Door | Wood | A | Intact | Blue | Boys and Girls Locker Room Building | 1/2 Bathroom | Negative | 0.2 | 1 | 2 | 0.4 |
| 215 | Door Jamb | Wood | A | Intact | White | Boys and Girls Locker Room Building | 1/2 Bathroom | Negative | 0 | 1 | 2 | 0.4 |
| 216 | Cabinets | Ceramic | A | Intact | White | Boys and Girls Locker Room Building | Girls Locker Room | Negative | 0.1 | 1 | 2 | 0.4 |
| 217 | Soffit | Stucco | A | Intact | White | Boys and Girls Locker Room Building | Exterior | Negative | 0.4 | 1 | 2 | 0.4 |
| 218 | Fascia | Wood | A | Intact | Blue | Boys and Girls Locker Room Building | Exterior | Negative | 0 | 1 | 2 | 0.4 |
| 219 | Wall | Stucco | A | Intact | White | Boys and Girls Locker Room Building | Exterior | Negative | 0.4 | 1 | 2 | 0.4 |
| 220 | Access Panel | Metal | A | Intact | Blue | Boys and Girls Locker Room Building | Exterior | Negative | 0 | 1 | 2 | 0.4 |
| **221** | **Access Panel** | **Metal** | **A** | **Intact** | **White** | **Boys and Girls Locker Room Building** | **Exterior** | **Positive** | **9.7** | **1** | **2** | **0.4** |
| 222 | Wall | Metal | A | Intact | White | Boys and Girls Locker Room Building | Exterior | Negative | 0.1 | 1 | 2 | 0.4 |
| 223 | Vent | Metal | A | Intact | Blue | Boys and Girls Locker Room Building | Exterior | Negative | 0.5 | 1 | 3 | 0.3 |
| 224 | Calibration-Back | Wood | | | | | | Positive | 1.1 | 1 | 5 | 0.2 |
| 225 | Calibration-Back | Wood | | | | | | Positive | 1.1 | 1 | 5 | 0.2 |
| 226 | Calibration-Back | Wood | | | | | | Positive | 1.1 | 1 | 5 | 0.2 |
| 227 | Calibration-Front | Wood | | | | | | Positive | 1.1 | 1 | 5 | 0.2 |
| 228 | Calibration-Front | Wood | | | | | | Positive | 1.2 | 1 | 5 | 0.2 |
| 229 | Calibration-Front | Wood | | | | | | Positive | 1.2 | 1 | 5 | 0.2 |
| 230 | Wall | Plaster | A | Intact | Blue | Building 10,11,12 | Classroom 10 | Negative | 0.1 | 1 | 2 | 0.4 |

# XRF Analysis Data

| Reading No | COMPONENT | SUBSTRATE | SIDE | CONDITION | COLOR | Building | ROOM | Results | mgcm2 | Action Level | Nom Secs | 3 SD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 231 | Wall | Plaster | B | Intact | White | Building 10,11,12 | Classroom 10 | Negative | 0.1 | 1 | 2 | 0.4 |
| 232 | **Wall** | **Wood** | **B** | **Intact** | **Blue** | **Building 10,11,12** | **Classroom 10** | **Positive** | **2.5** | **1** | **2** | **0.4** |
| 233 | Door | Wood | A | Intact | Blue | Building 10,11,12 | Classroom 10 | Negative | 0.1 | 1 | 2 | 0.4 |
| 234 | **Door** | **Metal** | **A** | **Intact** | **Blue** | **Building 10,11,12** | **Classroom 10** | **Positive** | **1** | **1** | **5** | **0.2** |
| 235 | Wall | Plaster | B | Intact | Blue | Building 10,11,12 | Classroom 11 | Negative | 0 | 1 | 2 | 0.4 |
| 236 | **Wall** | **Wood** | **C** | **Intact** | **Blue** | **Building 10,11,12** | **Classroom 11** | **Positive** | **1.8** | **1** | **2** | **0.4** |
| 237 | Wall | Plaster | C | Intact | White | Building 10,11,12 | Classroom 11 | Negative | 0.1 | 1 | 2 | 0.4 |
| 238 | Wall | Plaster | D | Intact | White | Building 10,11,12 | Classroom 11 | Negative | 0.2 | 1 | 2 | 0.4 |
| 239 | Door | Wood | A | Intact | Blue | Building 10,11,12 | Classroom 11 | Negative | 0.2 | 1 | 2 | 0.4 |
| 240 | Door Jamb | Metal | A | Intact | Blue | Building 10,11,12 | Classroom 11 | Negative | 0.8 | 1 | 5 | 0.2 |
| 241 | Wall | Brick | A | Intact | Blue | Building 10,11,12 | Classroom 12 | Negative | 0.2 | 1 | 2 | 0.4 |
| 242 | Wall | Plaster | B | Intact | White | Building 10,11,12 | Classroom 12 | Negative | 0.1 | 1 | 2 | 0.4 |
| 243 | Wall | Plaster | C | Intact | White | Building 10,11,12 | Classroom 12 | Negative | 0.2 | 1 | 2 | 0.4 |
| 244 | Wall | Brick | C | Intact | White | Building 10,11,12 | Classroom 12 | Negative | 0.3 | 1 | 2 | 0.4 |
| 245 | **Wall** | **Wood** | **C** | **Intact** | **Blue** | **Building 10,11,12** | **Classroom 12** | **Positive** | **2.7** | **1** | **2** | **0.4** |
| 246 | Wall | Plaster | D | Intact | White | Building 10,11,12 | Classroom 12 | Negative | 0.1 | 1 | 2 | 0.4 |
| 247 | Door | Wood | D | Intact | Blue | Building 10,11,12 | Classroom 12 | Negative | 0.7 | 1 | 5 | 0.2 |
| 248 | **Door Jamb** | **Metal** | **A** | **Intact** | **Blue** | **Building 10,11,12** | **Classroom 12** | **Positive** | **1** | **1** | **5** | **0.2** |
| 249 | **Door Jamb** | **Metal** | **A** | **Intact** | **Gray** | **Building 10,11,12** | **Utility Closet** | **Positive** | **1.1** | **1** | **5** | **0.2** |
| 250 | Door | Ceramic | A | Intact | Gray | Building 10,11,12 | Utility Closet | Negative | 0.2 | 1 | 2 | 0.4 |
| 251 | Wall | Ceramic | D | Intact | Gray | Building 10,11,12 | Utility Closet | Negative | 0.4 | 1 | 2 | 0.4 |
| 252 | Wall | Plaster | D | Intact | Blue | Building 10,11,12 | Office | Negative | 0.1 | 1 | 2 | 0.4 |
| 253 | Door | Wood | A | Intact | Blue | Building 10,11,12 | Office | Negative | 0.2 | 1 | 2 | 0.4 |
| 254 | **Fascia** | **Wood** | **A** | **Intact** | **Gray** | **Building 10,11,12** | **Exterior** | **Positive** | **1** | **1** | **4** | **0.3** |
| 255 | Soffit | Stucco | A | Intact | White | Building 10,11,12 | Exterior | Negative | 0.3 | 1 | 2 | 0.4 |
| 256 | **Wall** | **Wood** | **A** | **Intact** | **Blue** | **Building 13,14,15,16** | **Classroom 13** | **Positive** | **2** | **1** | **2** | **0.4** |
| 257 | Wall | Plaster | C | Intact | White | Building 13,14,15,16 | Classroom 13 | Negative | 0.1 | 1 | 2 | 0.4 |
| 258 | Wall | Plaster | D | Intact | White | Building 13,14,15,16 | Classroom 13 | Negative | 0.2 | 1 | 2 | 0.4 |
| 259 | **Door** | **Wood** | **A** | **Intact** | **White** | **Building 13,14,15,16** | **Classroom 13** | **Positive** | **1.1** | **1** | **5** | **0.2** |
| 260 | Door Jamb | Metal | A | Intact | White | Building 13,14,15,16 | Classroom 13 | Negative | 0.3 | 1 | 2 | 0.4 |
| 261 | Wall | Plaster | B | Intact | White | Building 13,14,15,16 | Classroom 13 | Negative | 0.2 | 1 | 2 | 0.4 |
| 262 | Wall | Plaster | C | Intact | White | Building 13,14,15,16 | Classroom 13 | Negative | 0.1 | 1 | 2 | 0.4 |
| 263 | Wall | Plaster | D | Intact | White | Building 13,14,15,16 | Classroom 13 | Negative | 0.1 | 1 | 2 | 0.4 |
| 264 | **Wall** | **Wood** | **A** | **Intact** | **Gray** | **Building 13,14,15,16** | **Classroom 13** | **Positive** | **1.7** | **1** | **2** | **0.4** |
| 265 | Door | Wood | A | Intact | Gray | Building 13,14,15,16 | Classroom 14 | Negative | 0.8 | 1 | 5 | 0.2 |
| 266 | Door Jamb | Metal | A | Intact | Gray | Building 13,14,15,16 | Classroom 14 | Negative | 0.4 | 1 | 2 | 0.4 |
| 267 | Wall | Plaster | C | Intact | White | Building 13,14,15,16 | Classroom 16 | Negative | 0.2 | 1 | 2 | 0.4 |
| 268 | Door | Wood | A | Intact | Gray | Building 13,14,15,16 | Classroom 16 | Negative | 0.1 | 1 | 2 | 0.4 |
| 269 | Door Jamb | Metal | A | Intact | Gray | Building 13,14,15,16 | Classroom 16 | Negative | 0.8 | 1 | 5 | 0.2 |
| 270 | **Wall** | **ceramic** | **A** | **Intact** | **White** | **Building 13,14,15,16** | **Classroom 15** | **Positive** | **9.5** | **1** | **2** | **0.4** |
| 271 | Wall | Plaster | B | Intact | White | Building 13,14,15,16 | Classroom 15 | Negative | 0.2 | 1 | 2 | 0.4 |
| 272 | Wall | Plaster | C | Intact | White | Building 13,14,15,16 | Classroom 15 | Negative | 0.2 | 1 | 2 | 0.4 |
| 273 | Wall | Plaster | D | Intact | White | Building 13,14,15,16 | Classroom 15 | Negative | 0.2 | 1 | 2 | 0.4 |
| 274 | Door | Wood | A | Intact | White | Building 13,14,15,16 | Classroom 15 | Negative | 0.6 | 1 | 4 | 0.3 |
| 275 | **Door Jamb** | **Metal** | **A** | **Intact** | **Gray** | **Building 13,14,15,16** | **Classroom 15** | **Positive** | **1** | **1** | **5** | **0.2** |
| 276 | Wall | Ceramic | A | Intact | White | Building 13,14,15,16 | Exterior | Negative | 0.1 | 1 | 2 | 0.4 |
| 277 | Soffit | Ceramic | A | Intact | White | Building 13,14,15,16 | Exterior | Negative | 0.2 | 1 | 2 | 0.4 |

# XRF Analysis Data

| Reading No | COMPONENT | SUBSTRATE | SIDE | CONDITION | COLOR | Building | ROOM | Results | mgcm2 | Action Level | Nom Secs | 3 SD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 278 | Fascia | Wood | A | Intact | White | Building 13,14,15,16 | Exterior | Negative | 0.1 | 1 | 2 | 0.4 |
| 279 | Wall | Brick | A | Intact | White | Building 26A,26B,26C | Classroom 26A | Negative | 0.4 | 1 | 2 | 0.4 |
| 280 | **Wall** | **Wood** | **A** | **Intact** | **White** | **Building 26A,26B,26C** | **Classroom 26A** | **Positive** | **2** | **1** | **2** | **0.4** |
| 281 | Wall | Brick | C | Intact | White | Building 26A,26B,26C | Classroom 26A | Negative | 0.3 | 1 | 2 | 0.4 |
| 282 | Wall | Plaster | D | Intact | White | Building 26A,26B,26C | Classroom 26A | Negative | 0.1 | 1 | 2 | 0.4 |
| 283 | Door | Wood | A | Intact | White | Building 26A,26B,26C | Classroom 26A | Negative | 0.7 | 1 | 5 | 0.2 |
| 284 | Door Jamb | Metal | A | Intact | White | Building 26A,26B,26C | Classroom 26A | Negative | 0.4 | 1 | 2 | 0.4 |
| 285 | Wall | Brick | A | Intact | White | Building 26A,26B,26C | Classroom 26B | Negative | 0.1 | 1 | 2 | 0.4 |
| 286 | **Wall** | **Wood** | **A** | **Intact** | **White** | **Building 26A,26B,26C** | **Classroom 26B** | **Positive** | **1.9** | **1** | **2** | **0.4** |
| 287 | Wall | Plaster | B | Intact | Blue | Building 26A,26B,26C | Classroom 26B | Negative | 0.2 | 1 | 2 | 0.4 |
| 288 | Wall | Brick | C | Intact | Blue | Building 26A,26B,26C | Classroom 26B | Negative | 0.3 | 1 | 2 | 0.4 |
| 289 | Wall | Plaster | D | Intact | Blue | Building 26A,26B,26C | Classroom 26B | Negative | 0.5 | 1 | 3 | 0.3 |
| 290 | Door | Wood | A | Intact | Blue | Building 26A,26B,26C | Classroom 26B | Negative | 0.8 | 1 | 5 | 0.2 |
| 291 | Door Jamb | Metal | A | Intact | Blue | Building 26A,26B,26C | Classroom 26B | Negative | 0.6 | 1 | 4 | 0.3 |
| 292 | Wall | Brick | A | Intact | White | Building 26A,26B,26C | Classroom 26C | Negative | 0.3 | 1 | 2 | 0.4 |
| 293 | **Wall** | **Wood** | **A** | **Intact** | **White** | **Building 26A,26B,26C** | **Classroom 26C** | **Positive** | **1.9** | **1** | **2** | **0.4** |
| 294 | Wall | Plaster | B | Intact | White | Building 26A,26B,26C | Classroom 26C | Negative | 0.4 | 1 | 2 | 0.4 |
| 295 | Wall | Brick | C | Intact | White | Building 26A,26B,26C | Classroom 26C | Negative | 0.5 | 1 | 3 | 0.3 |
| 296 | Wall | Plaster | D | Intact | Blue | Building 26A,26B,26C | Classroom 26C | Negative | 0.3 | 1 | 2 | 0.4 |
| 297 | Door | Wood | A | Intact | Blue | Building 26A,26B,26C | Classroom 26C | Negative | 0.7 | 1 | 5 | 0.2 |
| 298 | Door Jamb | Metal | A | Intact | Blue | Building 26A,26B,26C | Classroom 26C | Negative | 0.5 | 1 | 2 | 0.4 |
| 299 | Fascia | Wood | A | Intact | Blue | Building 26A,26B,26C | Exterior | Negative | 0.1 | 1 | 2 | 0.4 |
| 300 | Soffit | Stucco | A | Intact | White | Building 26A,26B,26C | Exterior | Negative | 0.2 | 1 | 2 | 0.4 |
| 301 | Wall | Brick | A | Intact | White | Building 17,18,19 | Classroom 17 | Negative | 0.2 | 1 | 2 | 0.4 |
| 302 | **Wall** | **Stucco** | **A** | **Intact** | **White** | **Building 17,18,19** | **Classroom 17** | **Positive** | **9.2** | **1** | **2** | **0.4** |
| 303 | Wall | Brick | B | Intact | White | Building 17,18,19 | Classroom 17 | Negative | 0.3 | 1 | 2 | 0.4 |
| 304 | Wall | Plaster | C | Intact | White | Building 17,18,19 | Classroom 17 | Negative | 0.1 | 1 | 2 | 0.4 |
| 305 | Wall | Brick | D | Intact | White | Building 17,18,19 | Classroom 17 | Negative | 0.3 | 1 | 2 | 0.4 |
| 306 | Door | Wood | A | Intact | White | Building 17,18,19 | Classroom 17 | Negative | 0.1 | 1 | 2 | 0.4 |
| 307 | Door Jamb | Metal | A | Intact | White | Building 17,18,19 | Classroom 17 | Negative | 0.9 | 1 | 5 | 0.2 |
| 308 | Wall | Plaster | A | Intact | White | Building 17,18,19 | Classroom 19 | Negative | 0 | 1 | 2 | 0.4 |
| 309 | Wall | Plaster | C | Intact | White | Building 17,18,19 | Classroom 19 | Negative | 0.4 | 1 | 2 | 0.4 |
| 310 | Wall | Plaster | D | Intact | White | Building 17,18,19 | Classroom 19 | Negative | 0.2 | 1 | 2 | 0.4 |
| 311 | Door | Wood | A | Intact | Blue | Building 17,18,19 | Classroom 19 | Negative | 0.7 | 1 | 5 | 0.2 |
| 312 | Door Jamb | Metal | A | Intact | Gray | Building 17,18,19 | Classroom 19 | Negative | 0.4 | 1 | 2 | 0.4 |
| 313 | **Wall** | **Wood** | **A** | **Intact** | **Blue** | **Building 17,18,19** | **Classroom 19** | **Positive** | **2.7** | **1** | **2** | **0.4** |
| 314 | Wall | Plaster | B | Intact | Blue | Building 17,18,19 | Classroom 18 | Negative | 0.2 | 1 | 2 | 0.4 |
| 315 | Wall | Plaster | C | Intact | White | Building 17,18,19 | Classroom 18 | Negative | 0.1 | 1 | 2 | 0.4 |
| 316 | Wall | Concrete | D | Intact | White | Building 17,18,19 | Classroom 18 | Negative | 0.4 | 1 | 2 | 0.4 |
| 317 | **Wall** | **Wood** | **A** | **Intact** | **White** | **Building 17,18,19** | **Classroom 18** | **Positive** | **2** | **1** | **2** | **0.4** |
| 318 | Door | Wood | A | Intact | Blue | Building 17,18,19 | Classroom 18 | Negative | 0.6 | 1 | 5 | 0.3 |
| 319 | Door Jamb | Metal | A | Intact | Blue | Building 17,18,19 | Classroom 18 | Negative | 0 | 1 | 2 | 0.4 |
| 320 | Wall | ceramic | A | Intact | White | Building 17,18,19 | Exterior | Negative | 0.1 | 1 | 2 | 0.4 |
| 321 | Soffit | Stucco | A | Intact | White | Building 17,18,19 | Exterior | Negative | 0.2 | 1 | 2 | 0.4 |
| 322 | Fascia | Wood | A | Intact | White | Building 17,18,19 | Exterior | Negative | 0.3 | 1 | 2 | 0.4 |
| 323 | **Wall** | **Wood** | **C** | **Intact** | **Blue** | **Building 20,21,22** | **Classroom 20** | **Positive** | **2.5** | **1** | **2** | **0.4** |
| 324 | Wall | Plaster | D | Intact | White | Building 20,21,22 | Classroom 20 | Negative | 0.1 | 1 | 2 | 0.4 |

# XRF Analysis Data

| Reading No | COMPONENT | SUBSTRATE | SIDE | CONDITION | COLOR | Building | ROOM | Results | mgcm2 | Action Level | Nom Secs | 3 SD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 325 | Door | Wood | C | Intact | Gray | Building 20,21,22 | Classroom 20 | Negative | 0.7 | 1 | 5 | 0.2 |
| 326 | Wall | Plaster | B | Intact | White | Building 20,21,22 | Classroom 21 | Negative | 0.1 | 1 | 2 | 0.4 |
| 327 | Wall | Plaster | C | Intact | White | Building 20,21,22 | Classroom 21 | Negative | 0.2 | 1 | 2 | 0.4 |
| 328 | **Wall** | **Wood** | **C** | **Intact** | **Blue** | **Building 20,21,22** | **Classroom 21** | **Positive** | **2.7** | **1** | **2** | **0.4** |
| 329 | Wall | Plaster | D | Intact | Blue | Building 20,21,22 | Classroom 21 | Negative | 0 | 1 | 2 | 0.4 |
| 330 | Door | Wood | A | Intact | Gray | Building 20,21,22 | Classroom 21 | Negative | 0.8 | 1 | 5 | 0.2 |
| 331 | Calibration-Back | Wood | | | | | | Positive | 1.2 | 1 | 5 | 0.2 |
| 332 | Calibration-Back | Wood | | | | | | Positive | 1.2 | 1 | 5 | 0.2 |
| 333 | Calibration-Back | Wood | | | | | | Positive | 1.1 | 1 | 5 | 0.2 |
| 334 | Calibration-Front | Wood | | | | | | Positive | 1.2 | 1 | 5 | 0.2 |
| 335 | Calibration-Front | Wood | | | | | | Positive | 1.1 | 1 | 5 | 0.2 |
| 336 | Calibration-Front | Wood | | | | | | Positive | 1.1 | 1 | 5 | 0.2 |
| 337 | Soffit | Stucco | A | Intact | Blue | Building 20,21,22 | Exterior | Negative | 0.4 | 1 | 2 | 0.4 |
| 338 | Fascia | Wood | A | Intact | Blue | Building 20,21,22 | Exterior | Negative | 0.4 | 1 | 2 | 0.4 |
| 339 | Wall | Plaster | A | Intact | Gray | Building 23,24,25 | Classroom 23 | Negative | 0.5 | 1 | 3 | 0.3 |
| 340 | Wall | Brick | A | Intact | White | Building 23,24,25 | Classroom 23 | Negative | 0.3 | 1 | 2 | 0.4 |
| 341 | **Wall** | **Wood** | **A** | **Intact** | **White** | **Building 23,24,25** | **Classroom 23** | **Positive** | **2.1** | **1** | **2** | **0.4** |
| 342 | Wall | Plaster | B | Intact | White | Building 23,24,25 | Classroom 23 | Negative | 0.1 | 1 | 2 | 0.4 |
| 343 | Wall | Brick | C | Intact | White | Building 23,24,25 | Classroom 23 | Negative | 0.3 | 1 | 2 | 0.4 |
| 344 | Wall | Plaster | D | Intact | Gray | Building 23,24,25 | Classroom 23 | Negative | 0.1 | 1 | 2 | 0.4 |
| 345 | Door | Wood | A | Intact | Blue | Building 23,24,25 | Classroom 23 | Negative | 0.4 | 1 | 3 | 0.3 |
| 346 | Door Jamb | Metal | A | Intact | Gray | Building 23,24,25 | Classroom 23 | Negative | 0.9 | 1 | 5 | 0.2 |
| 347 | Wall | Plaster | A | Intact | White | Building 23,24,25 | Classroom 24 | Negative | 0 | 1 | 2 | 0.4 |
| 348 | Wall | Brick | A | Intact | White | Building 23,24,25 | Classroom 24 | Negative | 0.1 | 1 | 2 | 0.4 |
| 349 | **Wall** | **Wood** | **A** | **Intact** | **White** | **Building 23,24,25** | **Classroom 24** | **Positive** | **1.8** | **1** | **2** | **0.4** |
| 350 | Wall | Plaster | B | Intact | Blue | Building 23,24,25 | Classroom 24 | Negative | 0.2 | 1 | 2 | 0.4 |
| 351 | Wall | Brick | C | Intact | White | Building 23,24,25 | Classroom 24 | Negative | 0.2 | 1 | 2 | 0.4 |
| 352 | Wall | Plaster | D | Intact | White | Building 23,24,25 | Classroom 24 | Negative | 0.5 | 1 | 2 | 0.4 |
| 353 | Door | Wood | A | Intact | White | Building 23,24,25 | Classroom 24 | Negative | 0.7 | 1 | 5 | 0.2 |
| 354 | Door Jamb | Metal | A | Intact | Blue | Building 23,24,25 | Classroom 24 | Negative | 0.6 | 1 | 4 | 0.3 |
| 355 | Wall | Plaster | A | Intact | White | Building 23,24,25 | Classroom 25 | Negative | 0 | 1 | 2 | 0.4 |
| 356 | Wall | Brick | A | Intact | White | Building 23,24,25 | Classroom 25 | Negative | 0.2 | 1 | 2 | 0.4 |
| 357 | **Wall** | **Wood** | **A** | **Intact** | **White** | **Building 23,24,25** | **Classroom 25** | **Positive** | **1.8** | **1** | **2** | **0.4** |
| 358 | Wall | Plaster | B | Intact | White | Building 23,24,25 | Classroom 25 | Negative | 0.3 | 1 | 2 | 0.4 |
| 359 | Wall | Brick | C | Intact | White | Building 23,24,25 | Classroom 25 | Negative | 0.3 | 1 | 2 | 0.4 |
| 360 | Wall | Plaster | D | Intact | Blue | Building 23,24,25 | Classroom 25 | Negative | 0.2 | 1 | 2 | 0.4 |
| 361 | Door | Wood | A | Intact | Blue | Building 23,24,25 | Classroom 25 | Negative | 0.6 | 1 | 5 | 0.2 |
| 362 | Door Jamb | Metal | A | Intact | Blue | Building 23,24,25 | Classroom 25 | Negative | 0.6 | 1 | 5 | 0.3 |
| 363 | Door Jamb | Metal | A | Intact | Blue | Building 23,24,25 | Classroom 25A | Negative | 0.9 | 1 | 5 | 0.2 |
| 364 | Door | Wood | A | Intact | Blue | Building 23,24,25 | Classroom 25A | Negative | 0 | 1 | 2 | 0.4 |
| 365 | Wall | Plaster | D | Intact | White | Building 23,24,25 | Classroom 25A | Negative | 0.1 | 1 | 2 | 0.4 |
| 366 | Wall | Plaster | C | Intact | White | Building 23,24,25 | Classroom 25A | Negative | 0.3 | 1 | 2 | 0.4 |
| 367 | Soffit | Stucco | A | Intact | White | Building 23,24,25 | Classroom 25A | Negative | 0.4 | 1 | 2 | 0.4 |
| 368 | Fascia | Wood | A | Intact | Blue | Building 23,24,25 | Classroom 25A | Negative | 0.4 | 1 | 2 | 0.4 |
| 369 | Wall | Plaster | B | Intact | White | Building 27,28,29 | Classroom 27 | Negative | 0.1 | 1 | 2 | 0.4 |
| 370 | Wall | Plaster | C | Intact | White | Building 27,28,29 | Classroom 27 | Negative | 0.2 | 1 | 2 | 0.4 |
| 371 | **Wall** | **Wood** | **C** | **Intact** | **Blue** | **Building 27,28,29** | **Classroom 27** | **Positive** | **2.2** | **1** | **2** | **0.4** |

# XRF Analysis Data

| Reading No | COMPONENT | SUBSTRATE | SIDE | CONDITION | COLOR | Building | ROOM | Results | mgcm2 | Action Level | Nom Secs | 3 SD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 372 | Wall | Plaster | D | Intact | Gray | Building 27,28,29 | Classroom 27 | Negative | 0.4 | 1 | 2 | 0.4 |
| 373 | Door | Wood | A | Intact | Blue | Building 27,28,29 | Classroom 27 | Negative | 0.8 | 1 | 5 | 0.2 |
| 374 | Door Jamb | Metal | A | Intact | Blue | Building 27,28,29 | Classroom 27 | Negative | 0.6 | 1 | 4 | 0.3 |
| 375 | Wall | Plaster | D | Intact | White | Building 27,28,29 | Classroom 27 Office | Negative | 0 | 1 | 2 | 0.4 |
| 376 | Door | Wood | A | Intact | White | Building 27,28,29 | Classroom 27 Office | Negative | 0.1 | 1 | 2 | 0.4 |
| 377 | Door Jamb | Metal | A | Intact | White | Building 27,28,29 | Classroom 27 Office | Negative | 0.8 | 1 | 5 | 0.2 |
| 378 | Wall | Plaster | B | Intact | Blue | Building 27,28,29 | Classroom 28 | Negative | 0 | 1 | 2 | 0.4 |
| 379 | **Wall** | **Wood** | **C** | **Intact** | **Blue** | **Building 27,28,29** | **Classroom 28** | **Positive** | **2.7** | **1** | **2** | **0.4** |
| 380 | Wall | Plaster | D | Intact | Blue | Building 27,28,29 | Classroom 28 | Negative | 0.1 | 1 | 2 | 0.4 |
| 381 | Door | Wood | A | Intact | Blue | Building 27,28,29 | Classroom 28 | Negative | 0.8 | 1 | 5 | 0.2 |
| 382 | Door Jamb | Metal | A | Intact | Blue | Building 27,28,29 | Classroom 28 | Negative | 0.7 | 1 | 5 | 0.2 |
| 383 | Wall | Plaster | B | Intact | White | Building 27,28,29 | Classroom 29 | Negative | 0 | 1 | 2 | 0.4 |
| 384 | Wall | Plaster | C | Intact | White | Building 27,28,29 | Classroom 29 | Negative | 0.1 | 1 | 2 | 0.4 |
| 385 | **Wall** | **Wood** | **C** | **Intact** | **Gray** | **Building 27,28,29** | **Classroom 29** | **Positive** | **2.1** | **1** | **2** | **0.4** |
| 386 | Door | Wood | C | Intact | Gray | Building 27,28,29 | Classroom 29 | Negative | 0.6 | 1 | 4 | 0.3 |
| 387 | Door Jamb | Metal | C | Intact | Gray | Building 27,28,29 | Classroom 29 | Negative | 0.2 | 1 | 2 | 0.4 |
| 388 | Wall | Ceramic | A | Intact | White | Building 27,28,29 | Girls Restroom | Negative | 0.3 | 1 | 2 | 0.4 |
| 389 | Fascia | Wood | A | Intact | Blue | Building 27,28,29 | Girls Restroom | Negative | 0.3 | 1 | 2 | 0.4 |
| 390 | **Wall** | **Ceramic** | **A** | **Intact** | **Blue** | **Building 27,28,29** | **Girls Restroom** | **Positive** | **11.6** | **1** | **2** | **0.4** |
| 391 | **Wall** | **Ceramic** | **A** | **Intact** | **Blue** | **Building 27,28,29** | **Girls Restroom** | **Positive** | **11.7** | **1** | **2** | **0.4** |
| 392 | Wall | Ceramic | A | Intact | Blue | Building 27,28,29 | Girls Restroom | Negative | 0.2 | 1 | 2 | 0.4 |
| 393 | Wall | Ceramic | A | Intact | Blue | Building 27,28,29 | Girls Restroom | Negative | 0.2 | 1 | 2 | 0.4 |
| 394 | Door Jamb | Metal | A | Intact | Blue | Building 27,28,29 | Girls Restroom | Negative | 0 | 1 | 2 | 0.4 |
| 395 | Calibration-Back | | | | | | | Positive | 1.1 | 1 | 5 | 0.2 |
| 396 | Calibration-Back | | | | | | | Positive | 1.1 | 1 | 5 | 0.2 |
| 397 | Calibration-Back | | | | | | | Positive | 1.1 | 1 | 5 | 0.2 |

* **FIRST 3, MIDDLE 18, AND LAST 3 READINGS ARE CALIBRATION CHECKS ONLY**

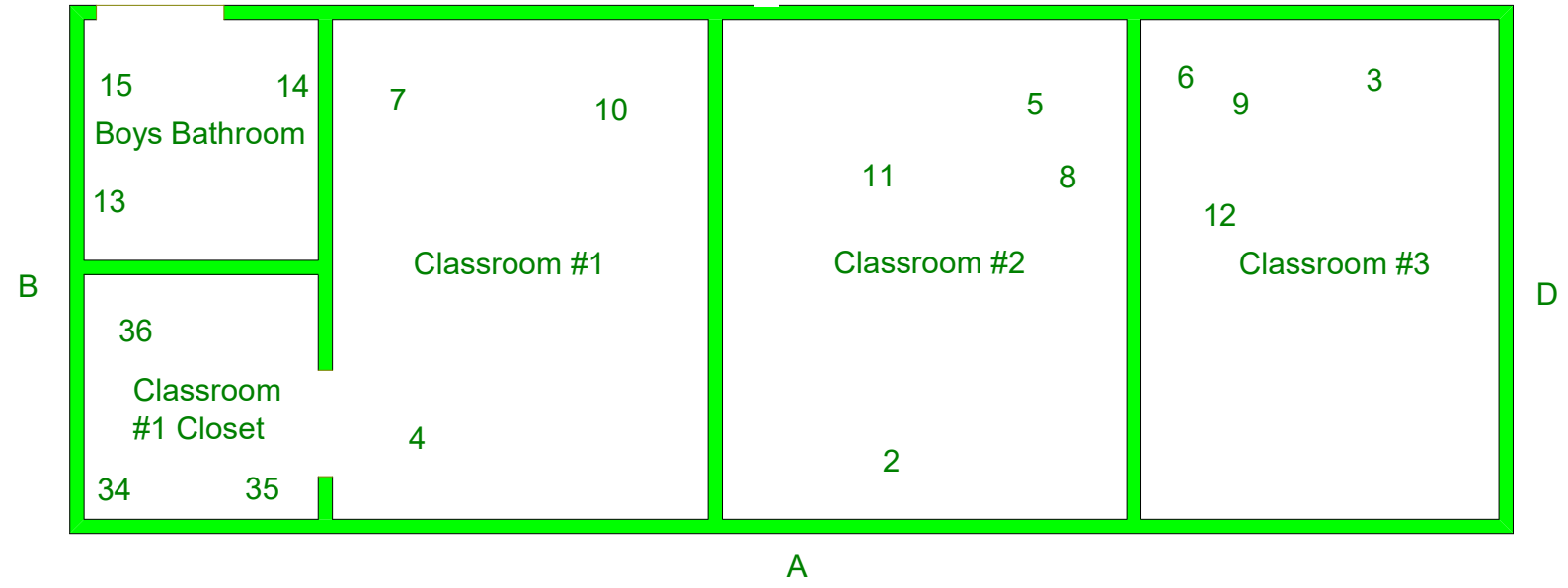
* **BOLD ROW INDICATES COMPONENTS POSITIVE FOR LEAD**

Sample Location Drawing
(Drawing Not To Scale)

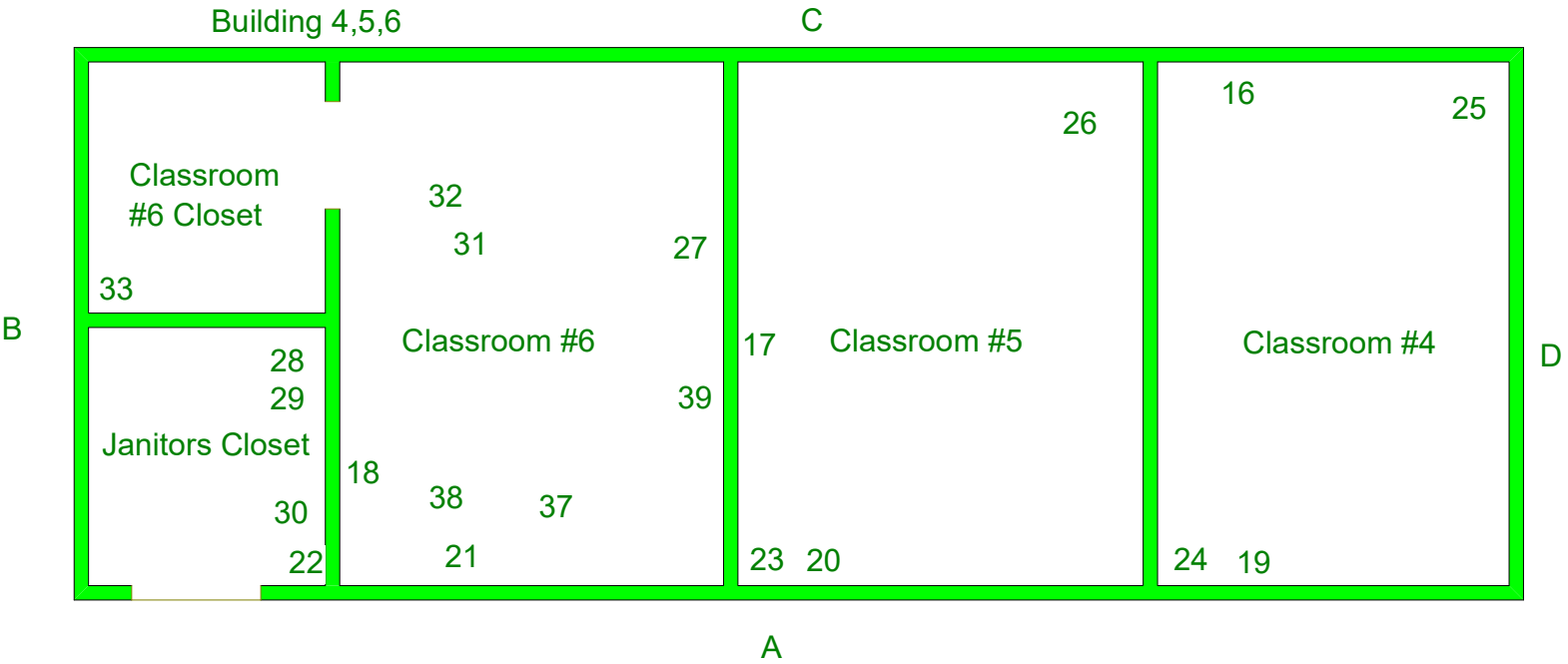
Warner Middle School
14171 Newland Street
Westminster, CA 92683

Project No: OC164905

Building 1,2,3




Building 4,5,6

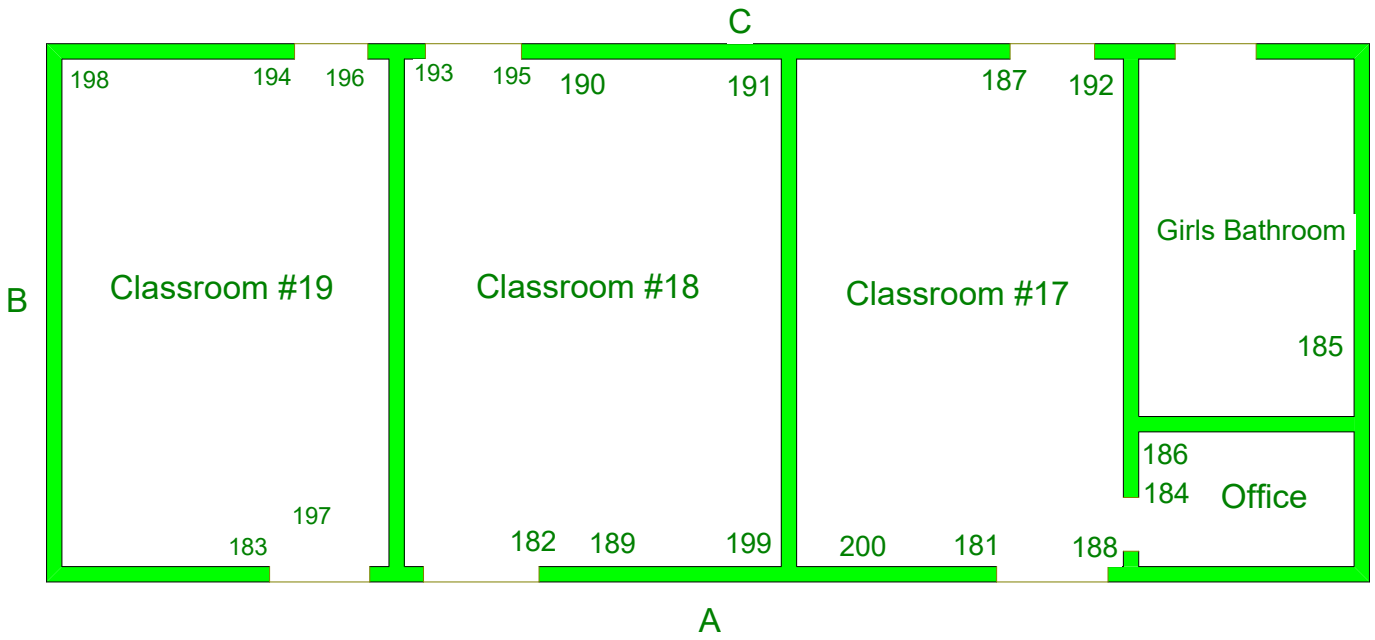


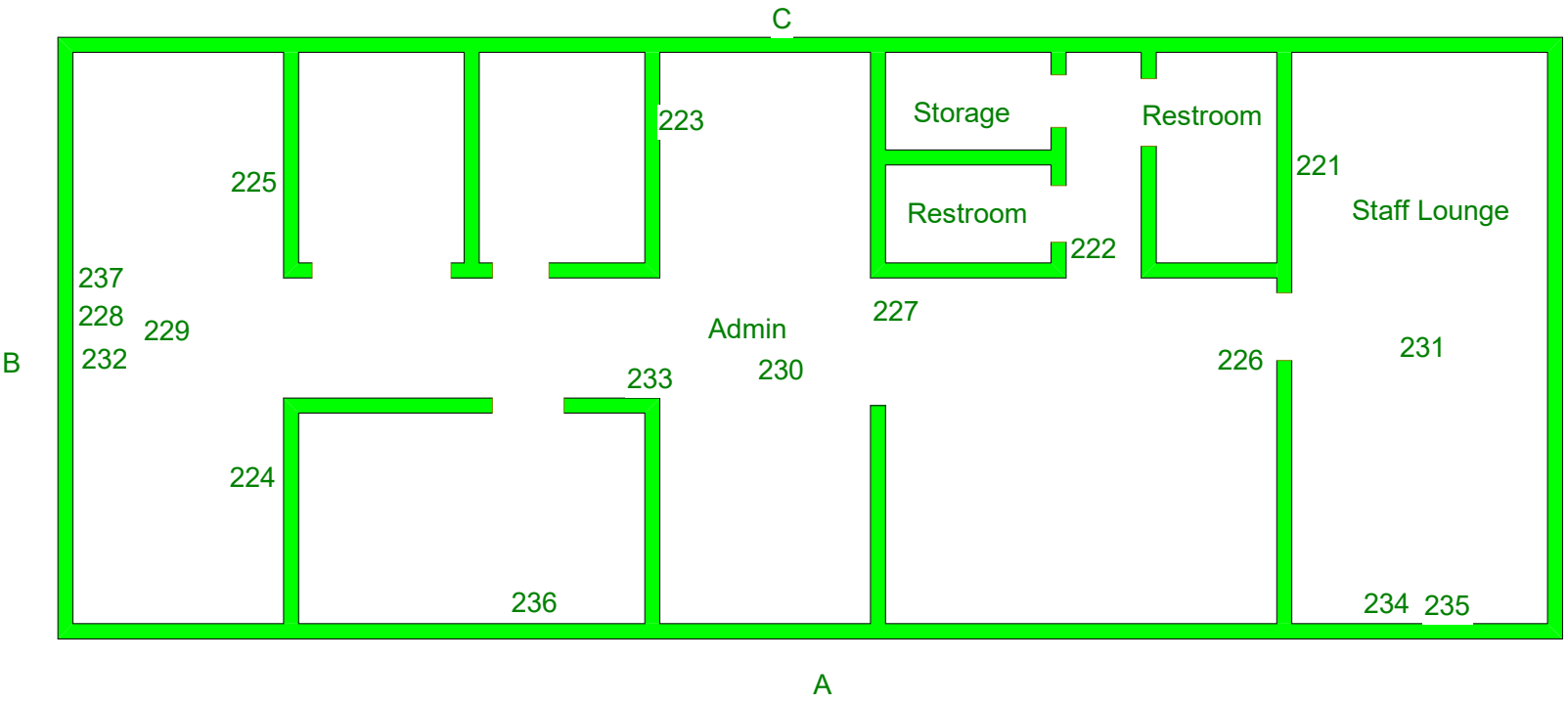

Note: Entries to each room or room equivalent is Side "A" for building interiors.
Sides B, C & D proceed clockwise from side A.

Warner Middle School
14171 Newland Street
Westminster, CA 92683

Project No: OC164905

Sample Location Drawing
(Drawing Not to Scale)



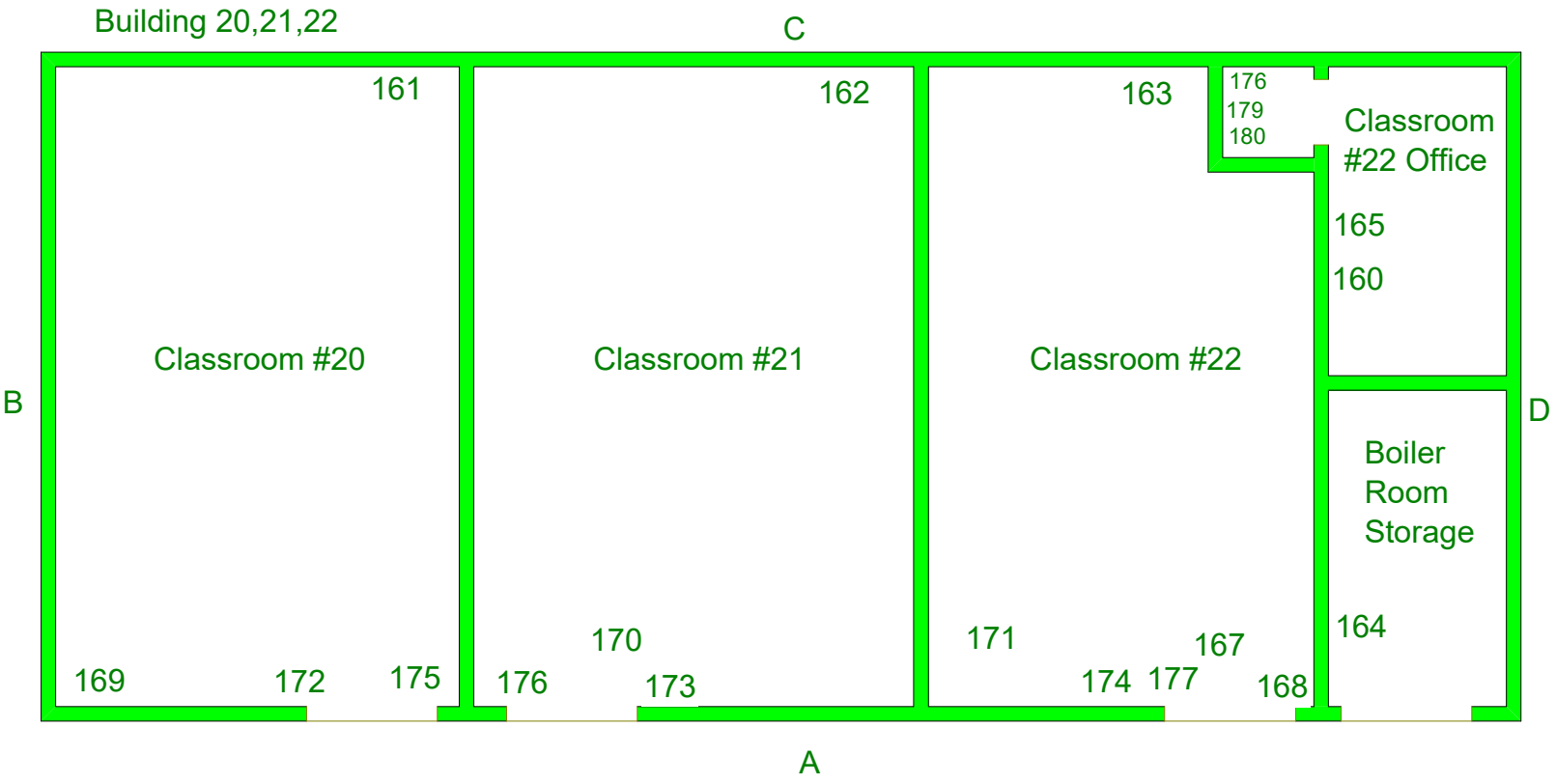




Note: Entries to each room or room equivalent is Side "A" for building interiors.
Sides B, C & D proceed clockwise from side A.

Warner Middle School
14171 Newland Street
Westminster, CA 92683

Project No: OC164905

Sample Location Drawing
(Drawing Not To Scale)



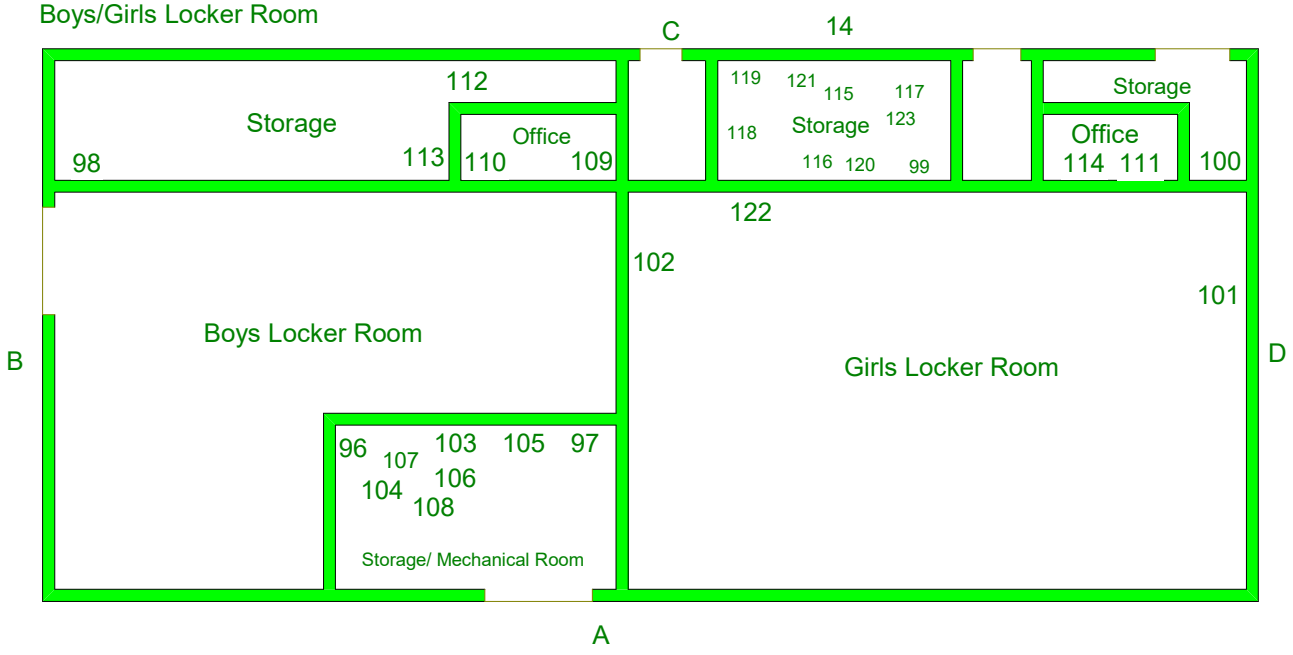

Note: Entries to each room or room equivalent is Side "A" for building interiors.
Sides B, C & D proceed clockwise from side A.

Sample Location Drawing
(Drawing Not To Scale)

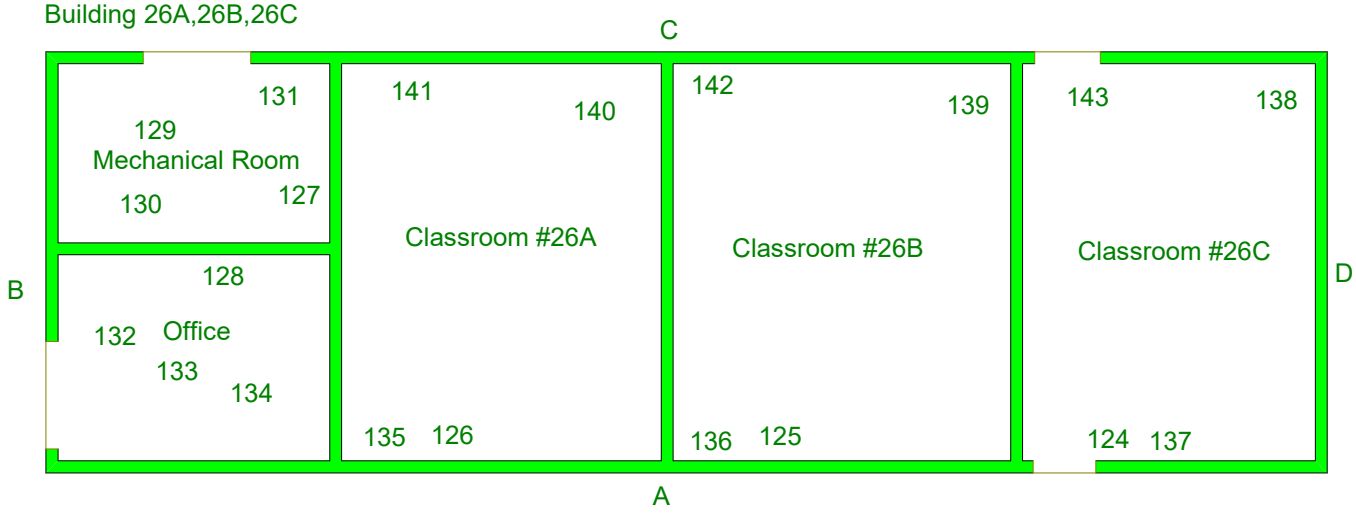
Warner Middle School
14171 Newland Street
Westminster, CA 92683

Project No: OC164905

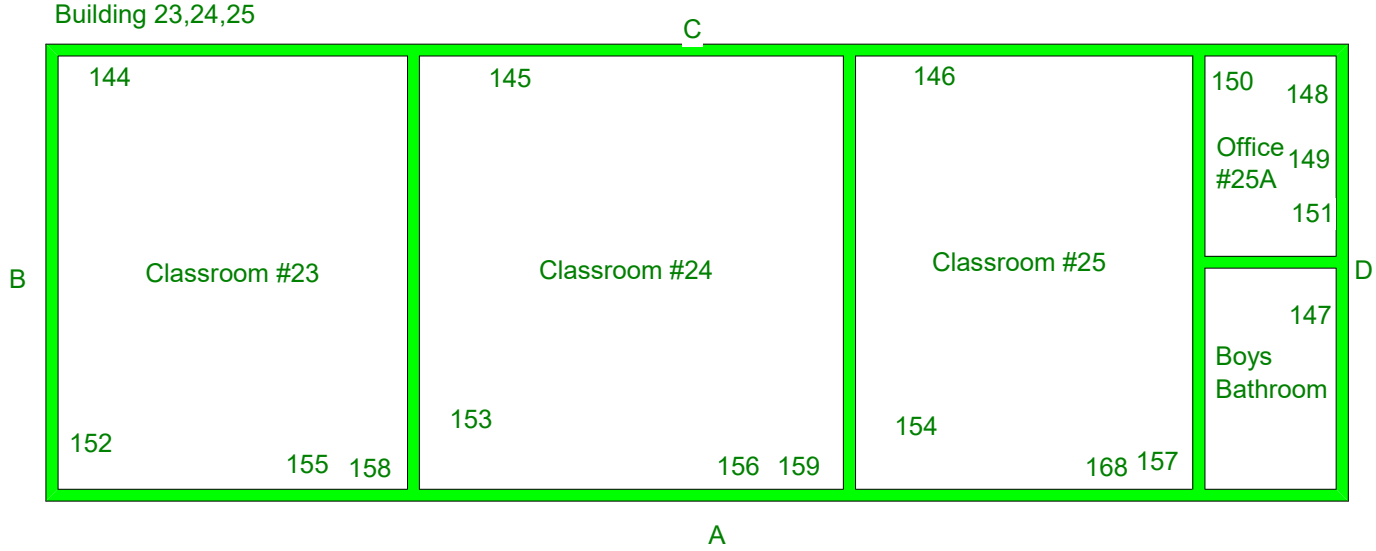
Boys/Girls Locker Room




Building 26A,26B,26C




Building 23,24,25

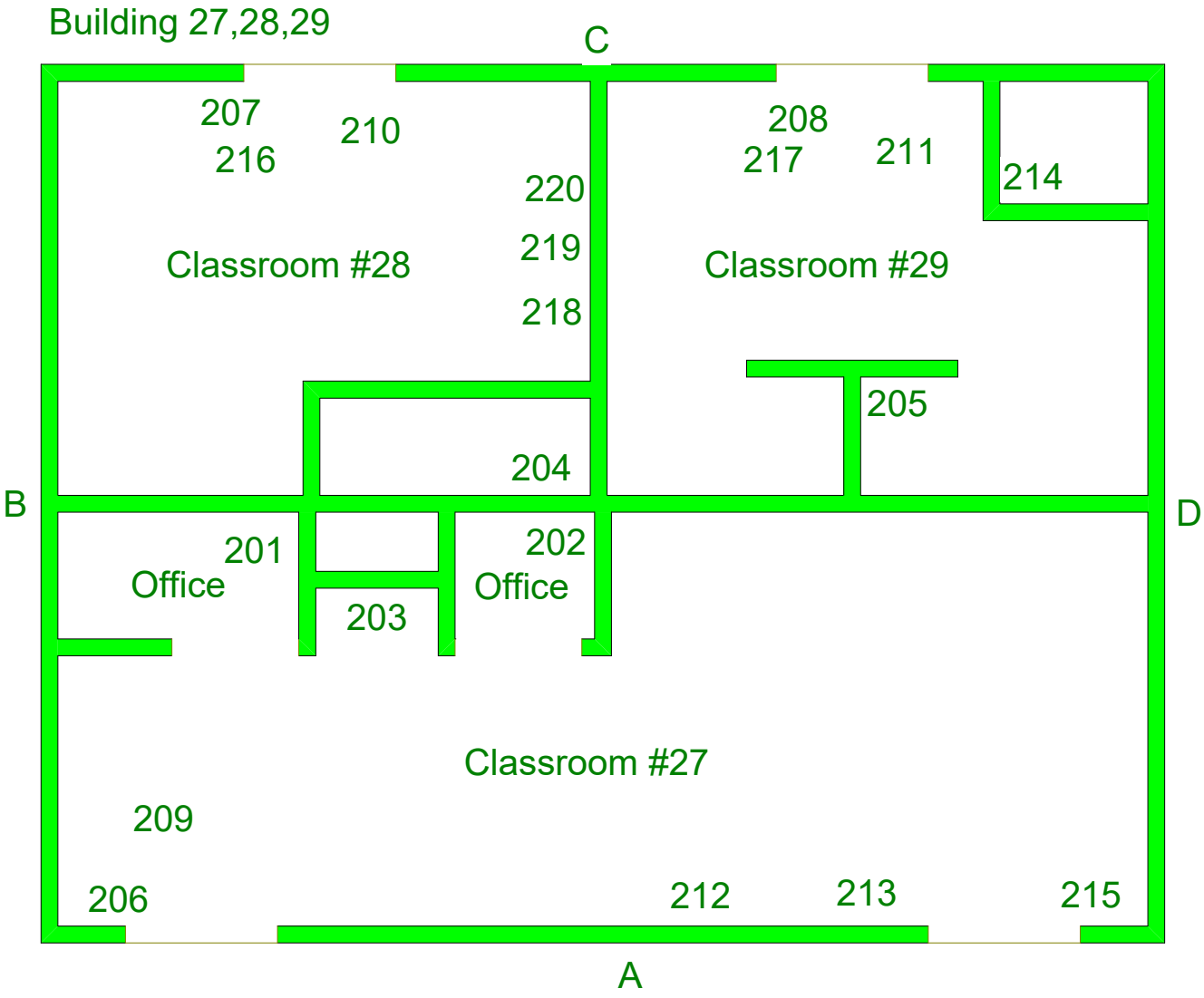



Note: Entries to each room or room equivalent is Side "A" for building interiors.
Sides B, C & D proceed clockwise from side A.

Sample Location Drawing
(Drawing Not To Scale)

Warner Middle School
14171 Newland Street
Westminster, CA 92683

Project No: OC164905



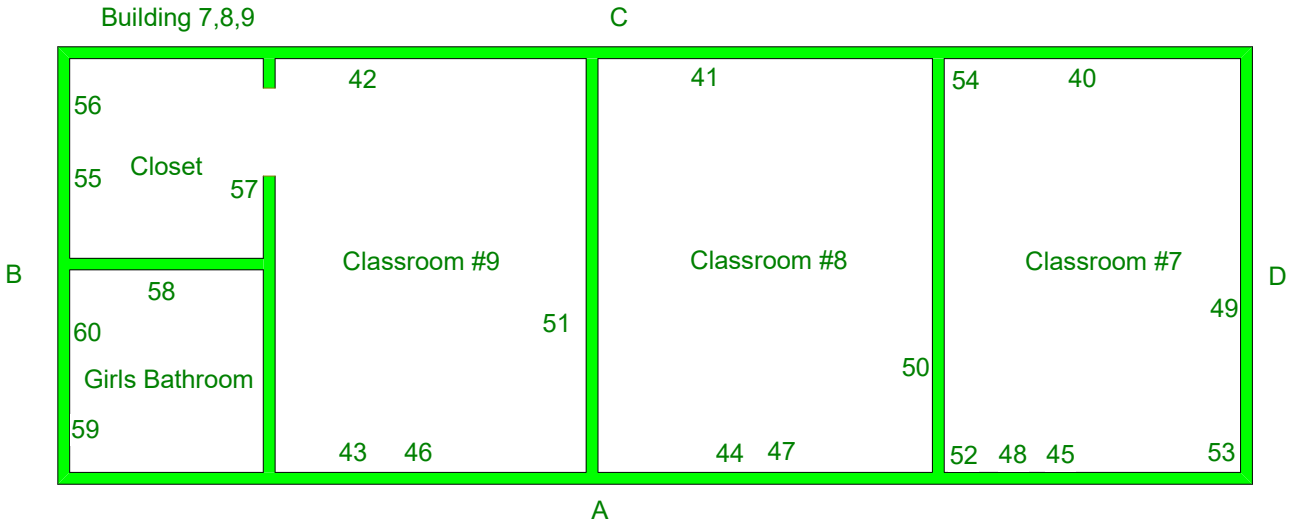

Note: Entries to each room or room equivalent is Side "A" for building interiors. Sides B, C & D proceed clockwise from side A.

Sample Location Drawings
(Drawing Not To Scale)

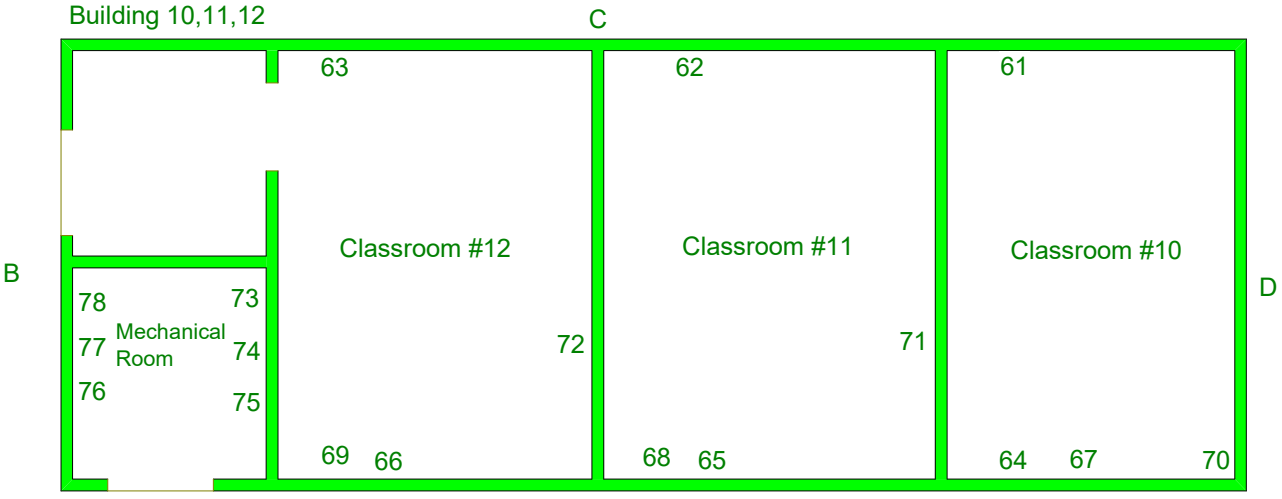
Warner Middle School
14171 Newland Street
Westminster, CA 92683

Project No: OC164905

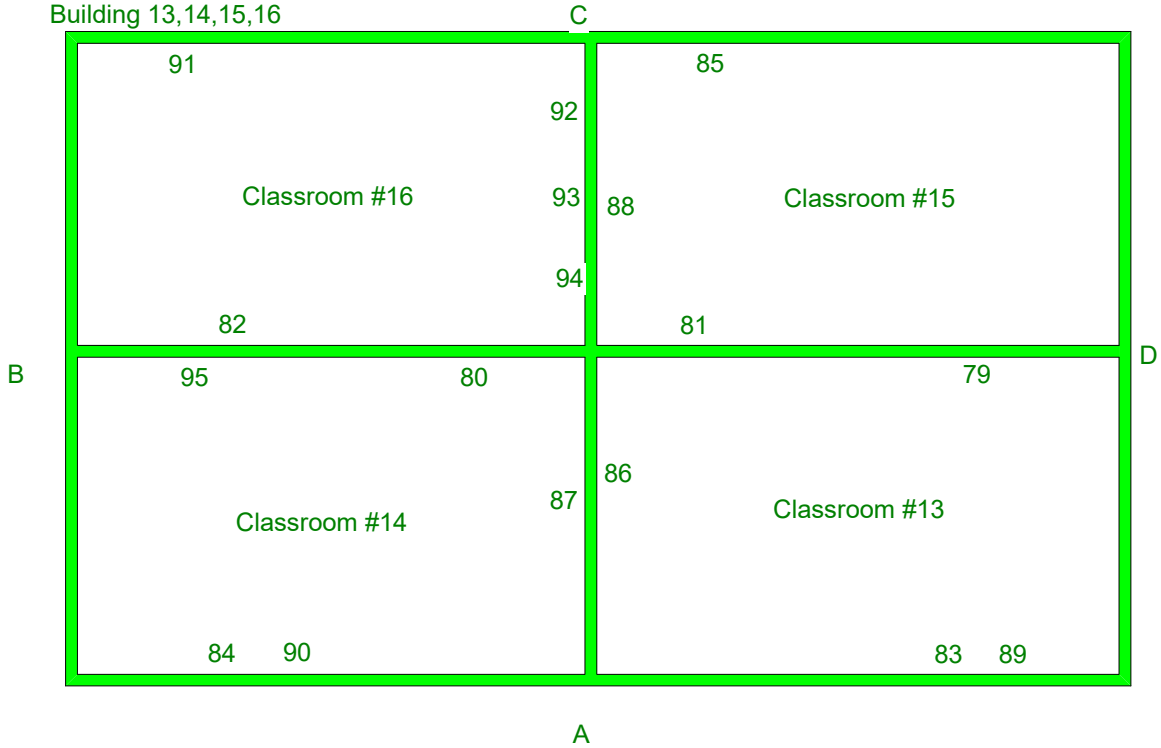
Building 7,8,9




Building 10,11,12




Building 13,14,15,16




Note: Entries to each room or room equivalent is Side "A" for building interiors.
Sides B, C & D proceed clockwise from side A.

California Department of PublicHealth

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

# LEAD-RELATED CONSTRUCTION CERTIFICATE

| INDIVIDUAL: | CERTIFICATE TYPE: | NUMBER: | EXPIRATION DATE: |
|---|---|---|---|
| | Lead Sampling Technician | LRC-00007944 | 2/7/2024 |

**Alejandro Baeza**

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

California Department of PublicHealth

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

# LEAD-RELATED CONSTRUCTION CERTIFICATE

| INDIVIDUAL: | CERTIFICATE TYPE: | NUMBER: | EXPIRATION DATE: |
|---|---|---|---|
| **Dylan Manning** | Lead Sampling Technician | LRC-00003395 | 5/25/2024 |

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

California Department of PublicHealth

**STATE OF CALIFORNIA**
**DEPARTMENT OF PUBLIC HEALTH**

# LEAD-RELATED CONSTRUCTION CERTIFICATE

| INDIVIDUAL: | CERTIFICATE TYPE: | NUMBER: | EXPIRATION DATE: |
|---|---|---|---|
| **Maxwell Yourman** | Lead Inspector/Assessor | LRC-00007341 | 10/21/2024 |

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

# LEAD HAZARD EVALUATION REPORT

**Section 1 — Date of Lead Hazard Evaluation** 8/23/2023 - 8/25/2023

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

☐ Lead Inspection ☐ Risk assessment ☐ Clearance Inspection ☑ Other (specify) Limited interior and exterior lead inspection

**Section 3 — Structure Where Lead Hazard Evaluation Was Conducted**

| Address [number, street, apartment (if applicable)] | City | County | Zip Code |
|---|---|---|---|
| 14171 Newland Street | Westminster | Orange County | 92683 |

Construction date (year) of structure: Pre-1978

Type of structure: ☐ Multi-unit building ☑ School or daycare ☐ Single family dwelling ☐ Other

Children living in structure? ☐ Yes ☐ No ☑ Don't Know

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

| Name | Telephone number |
|---|---|
| Owner's Representative - Brian Johnson of Westminster School District | 714-264-4036 |

| Address [number, street, apartment (if applicable)] | City | State | Zip Code |
|---|---|---|---|
| 14121 Cedarwood Avenue | Westminster | CA | 92683 |

**Section 5 — Results of Lead Hazard Evaluation (check all that apply)**

☐ No lead-based paint detected ☑ Intact lead-based paint detected ☐ Deteriorated lead-based paint detected

☐ No lead hazards detected ☐ Lead-contaminated dust found ☐ Lead-contaminated soil found ☐ Other

**Section 6 — Individual Conducting Lead Hazard Evaluation**

| Name | Telephone number |
|---|---|
| Dylan Manning (LRC-00003395) | 714-899-8900 |

| Address [number, street, apartment (if applicable)] | City | State | Zip Code |
|---|---|---|---|
| 1041 S. Placentia Avenue | Fullerton | CA | 92831 |

| CDPH certification number | Signature | Date |
|---|---|---|
| LRC-00007341 | | 10/11/2023 |

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

Alejandro Baeza (LRC-00007944)

**Section 7 — Attachments**

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

First copy and attachments retained by inspector

Second copy and attachments retained by owner

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

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

tel - 714-899-8900
free - 888-743-0998
fax - 714-899-1188
PatriotLab.com
1041 S. Placentia Avenue, Fullerton, CA 92831

PATRIOT
Environmental Laboratory Services, Inc.

**October 10, 2023**

Brian Johnson
**Westminster School District**
14121 Cedarwood Avenue
Westminster, CA 92683

Re: **Limited Asbestos Survey**
Warner Middle School
14171 Newland Street
Westminster, CA 92683

PO No: T6000779

Project No: OC164905

Dear Mr. Johnson,

On August 21, 22, 23, 24, 25, & 28, 2023, California DOSH Certified Site Surveillance Technician, Mr. Jose Martinez Ortiz (CSST 19-6551) of Patriot Environmental Laboratory Services, Inc. (Patriot) performed a limited asbestos inspection at the above subject property located in Westminster, California. **The purpose of the inspection was to determine if asbestos is present in the building materials for an upcoming renovation at the subject property.**

***Summary of Positive Results***

The following asbestos-containing materials were identified in Building 1,2,3:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Carpet Glue | 9 | Classrooms 1, 2, and 3 Floors | Intact | NF | 900 SF | 2% Chrysotile |
| 4" TSI | 244-246 | Attic Space | Intact | NF | 628 SF | 10% Chrysotile 15% Amosite |
| F = Friable<br>NF = Non-Friable | | | | | | |

***Based on the positive analytical result of sample 9 and technician visual determination, the flooring materials in the areas inspected are homogeneous and therefore should be considered positive for asbestos.**

The following asbestos-containing materials were identified in Building 4,5,6:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| 4" TSI | 238-240 | Attic Space | Intact | NF | 314 SF | 10% Chrysotile 15% Amosite |
| F = Friable<br>NF = Non-Friable | | | | | | |

The following asbestos-containing materials were identified in Building 7,8,9:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Carpet Glue* | 47 | Classrooms 8 and 9 Floors | Intact | NF | 800 SF | 2% Chrysotile |
| Mastic | 52B-54B | Classroom 7 Floor | Intact | NF | 900 SF | 2% Chrysotile |
| 4" TSI | 250-252 | Attic Space | Intact | NF | 314 SF | 10% Chrysotile 15% Amosite |
| F = Friable<br>NF = Non-Friable | | | | | | |

***Based on the positive analytical result of sample 47 and technician visual determination, the flooring materials in the areas inspected are homogeneous and therefore should be considered positive for asbestos.**

The following asbestos-containing materials were identified in Building 10,11,12:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Carpet Glue* | 69 | Classrooms 10, 11, and 12 Floors | Intact | NF | 900 SF | 5% Chrysotile |
| 4" TSI | 247-249 | Attic Space | Intact | NF | 314 SF | 10% Chrysotile 15% Amosite |
| Gray Window Putty** | 281 | Exterior Windows | Intact | NF | 60 SF | 2% Chrysotile |
| F = Friable<br>NF = Non-Friable | | | | | | |

***Based on the positive analytical result of sample 69 and technician visual determination, the flooring materials in the areas inspected are homogeneous and therefore should be considered positive for asbestos.**
****Based on the positive analytical result of sample 281 and technician visual determination, the window materials in the areas inspected are homogeneous and therefore should be considered positive for asbestos.**

The following asbestos-containing materials were identified in Building 13,14,15,16:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Carpet Glue* | 89 | Classrooms 13, 14, and 16 Floors | Intact | NF | 900 SF | 5% Chrysotile |
| 4" TSI | 241-243 | Attic Space | Intact | NF | 314 SF | 10% Chrysotile 15% Amosite |
| Gray Window Putty** | 283 | Exterior Windows | Intact | NF | 60 SF | 2% Chrysotile |
| Roof Mastic*** | 361 | Roof | Intact | NF | 6,000 SF | 3% Chrysotile |
| F = Friable<br>NF = Non-Friable | | | | | | |

***Based on the positive analytical result of sample 89 and technician visual determination, the flooring materials in the areas inspected are homogeneous and therefore should be considered positive for asbestos.**
****Based on the positive analytical result of sample 283 and technician visual determination, the window materials in the areas inspected are homogeneous and therefore should be considered positive for asbestos.**
*****Based on the positive analytical result of sample 283 and technician visual determination, the window materials in the areas inspected are homogeneous and therefore should be considered positive for asbestos.**

The following asbestos-containing materials were identified in Boys and Girls Locker Room:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| 9" Brown Floor Tile | 121A-123A | Locker Room Floor | Damaged 5% | F | 500 SF | 4% Chrysotile |
| Mastic | 121B-123B | Locker Room Floor | Damaged 5% | F | 500 SF | 5% Chrysotile |
| 4" TSI | 259-261 | Attic Space | Intact | NF | 126 SF | 10% Chrysotile 15% Amosite |
| F = Friable<br>NF = Non-Friable | | | | | | |

The following asbestos-containing materials were identified in Building 26A,26B,26C:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Mastic | 132B-134B | Office Floor | Intact | NF | 160 SF | 2% Chrysotile |
| 4" TSI | 262-264 | Attic Space | Intact | NF | 628 SF | 10% Chrysotile 15% Amosite |
| F = Friable<br>NF = Non-Friable | | | | | | |

The following asbestos-containing materials were identified in Building 20,21,22:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Mastic | 166B-168B | Classroom 22 and 22 Office Under Carpet Floors | Intact | NF | 1,000 SF | 5% Chrysotile |
| Mastic* | 178B | Classroom 22 Floor | Intact | NF | 900 SF | 2% Chrysotile |
| 4" TSI | 307-309 | Attic Space | Intact | NF | 314 SF | 10% Chrysotile 15% Amosite |
| Roof Mastic** | 382 | Roof | Intact | NF | 6,000 SF | 3% Chrysotile |
| F = Friable<br>NF = Non-Friable | | | | | | |

***Based on the positive analytical result of sample 178B and technician visual determination, the flooring materials in the areas inspected are homogeneous and therefore should be considered positive for asbestos.**

****Based on the positive analytical result of sample 382 and technician visual determination, the roof material in the areas inspected are homogeneous and therefore should be considered positive for asbestos.**

The following asbestos-containing materials were identified in Building 17,18,19:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Carpet Glue | 195-197 | Classroom 18 and 19 Floors | Intact | NF | 920 SF | 2% Chrysotile |
| 4" TSI | 265-267 | Attic Space | Intact | NF | 314 SF | 10% Chrysotile 15% Amosite |
| F = Friable<br>NF = Non-Friable | | | | | | |

The following asbestos-containing materials were identified in Building 27,28,29:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Carpet Glue | 209-211 | Classrooms 27, 28, and 29 Floors | Intact | NF | 900 SF | 5% Chrysotile |
| F = Friable<br>NF = Non-Friable | | | | | | |

The following asbestos-containing materials were identified in Admin Building:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Acoustic Ceiling Texture | 226-227 | Admin Building Ceiling | Intact | NF | 500 SF | 5% Chrysotile |
| 4" TSI Elbow | 253-255 | Attic Space | Intact | NF | 32 SF | 10% Chrysotile<br>15% Amosite |
| 4" TSI | 256-258 | Attic Space | Intact | NF | 628 SF | 10% Chrysotile<br>15% Amosite |
| F = Friable<br>NF = Non-Friable | | | | | | |

**Note: The quantities of asbestos-containing materials identified in this report are approximations. It is the responsibility of the abatement contractor to verify the actual quantities of materials to be abated during their job walk for preparation of their bid.**

***Summary of Point Count Findings***

EPA Point Count method has identified the building material to be less than one tenth of a percent asbestos for Building 1,2,3:

| Homogeneous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Scratch Coat | 310B-312B | Exterior Ceiling | Intact | NF | 900 SF | <0.1% Chrysotile |
| F = Friable<br>NF = Non-Friable | | | | | | |

EPA Point Count method has identified the building material to be less than one tenth of a percent asbestos for Building 4,5,6:

| Homogeneous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Scratch Coat | 313B-315B | Exterior Ceiling | Intact | NF | 900 SF | <0.1% Chrysotile |
| F = Friable<br>NF = Non-Friable | | | | | | |

EPA Point Count method has identified the building material to be less than one tenth of a percent asbestos for Building 7,8,9:

| Homogeneous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Scratch Coat | 316B-318B | Exterior Ceiling | Intact | NF | 900 SF | <0.1% Chrysotile |
| F = Friable<br>NF = Non-Friable | | | | | | |

EPA Point Count method has identified the building material to be less than one tenth of a percent asbestos for Building 10,11,12:

| Homogeneous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Scratch Coat | 319B-321B | Exterior Ceiling | Intact | NF | 900 SF | <0.1% Chrysotile |
| F = Friable<br>NF = Non-Friable | | | | | | |

EPA Point Count method has identified the building material to be less than one tenth of a percent asbestos for Building 13,14,15,16:

| Homogeneous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Scratch Coat | 322B-324B | Exterior Ceiling | Intact | NF | 900 SF | <0.1% Chrysotile |
| F = Friable<br>NF = Non-Friable | | | | | | |

EPA Point Count method has identified the building material to be less than one tenth of a percent asbestos for Boy's and Girl's Locker Room:

| Homogeneous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Scratch Coat | 325B-327B | Exterior Ceiling | Intact | NF | 900 SF | <0.1% Chrysotile |
| F = Friable<br>NF = Non-Friable | | | | | | |

EPA Point Count method has identified the building material to be less than one tenth of a percent asbestos for Building 26A,26B,26C:

| Homogeneous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Scratch Coat | 331B-333B | Exterior Ceiling | Intact | NF | 900 SF | <0.1% Chrysotile |
| F = Friable<br>NF = Non-Friable | | | | | | |

EPA Point Count method has identified the building material to be less than one tenth of a percent asbestos for Building 23,24,25:

| Homogeneous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Scratch Coat | 337B-339B | Exterior Ceiling | Intact | NF | 900 SF | <0.1% Chrysotile |
| F = Friable<br>NF = Non-Friable | | | | | | |

EPA Point Count method has identified the building material to be less than one tenth of a percent asbestos for Building 20,21,22:

| Homogeneous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Scratch Coat | 343B-345B | Exterior Ceiling | Intact | NF | 900 SF | <0.1% Chrysotile |
| F = Friable<br>NF = Non-Friable | | | | | | |

EPA Point Count method has identified the building material to be less than one tenth of a percent asbestos for Building 17,18,19:

| Homogeneous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Scratch Coat | 334B-336B | Exterior Ceiling | Intact | NF | 900 SF | <0.1% Chrysotile |
| F = Friable<br>NF = Non-Friable | | | | | | |

EPA Point Count method has identified the building material to be less than one tenth of a percent asbestos for Building 27,28,29:

| Homogeneous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Scratch Coat | 340B-342B | Exterior Ceiling | Intact | NF | 900 SF | <0.1% Chrysotile |
| F = Friable<br>NF = Non-Friable | | | | | | |

EPA Point Count method has identified the building material to be less than one tenth of a percent asbestos for Admin Building:

| Homogeneous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Scratch Coat | 328B-330B | Exterior Ceiling | Intact | NF | 900 SF | <0.1% Chrysotile |
| F = Friable<br>NF = Non-Friable | | | | | | |

***Summary of Negative Results***

The following materials **were not** identified as asbestos-containing materials in Building 1,2,3:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Plaster | 1A-3A,13A-15A | Classrooms 1-3 and Boy's Restroom Walls and Ceilings | Intact | NF | 1,200 SF | None Detected |
| Skim Coat | 1B-3B,13B-15B | Classrooms 1, 2, and 3 and Boy's Restroom Walls and Ceilings | Intact | NF | 1,200 SF | None Detected |
| 6" Cove Base | 4A-6A | Classrooms 1, 2, and 3 Walls | Intact | NF | 220 SF | None Detected |

| | | | | | | |
|---|---|---|---|---|---|---|
| Mastic | 4B-6B | Classrooms 1, 2, and 3 Walls | Intact | NF | 220 SF | None Detected |
| Carpet Glue | 7,8 | N/A | Intact | NF | N/A | None Detected |
| 12”x12” Ceiling Tile | 10-12 | Classrooms 1, 2, and 3 Ceilings | Intact | NF | 900 SF | None Detected |
| Brown Vinyl Sheet Flooring | 34-36 | Classroom 1 Floor | Intact | NF | 200 SF | None Detected |
| Gray Window Putty | 271-273 | Exterior Windows | Intact | NF | 60 SF | None Detected |
| Stucco | 310A-312A | Exterior Ceiling | Intact | NF | 900 SF | None Detected |
| Roof Mastic | 349-351 | Roof | Intact | NF | 6,000 SF | None Detected |
| Grey Rolled Roof | 392A-397A | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 392B-397B | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 392C-397C | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 392D-394D, 396D-397D | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 392E-394E, 396E-397E | Roof | Intact | NF | 6,000 SF | None Detected |
| F = Friable<br>NF = Non-Friable | | | | | | |

The following materials **were not** identified as asbestos-containing materials in Building 4,5,6:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Plaster | 16A-18A, 28A-30A | Classrooms 4, 5, and 6 and Janitor’s Closet Walls and Ceilings | Intact | NF | 1,500 SF | None Detected |

| | | | | | | |
|---|---|---|---|---|---|---|
| Skim Coat | 16B-18B, 28B-30B | Classrooms 4, 5, and 6 and Janitor's Closet Walls and Ceilings | Intact | NF | 1,500 SF | None Detected |
| 6" Cove Base | 19A-21A | Classrooms 4, 5, and 6 Walls | Intact | NF | 220 SF | None Detected |
| Mastic | 19B-21B | Classrooms 4, 5, and 6 Walls | Intact | NF | 220 SF | None Detected |
| Carpet Glue | 22-24 | Classrooms 4, 5, and 6 Floors | Intact | NF | 900 SF | None Detected |
| 12"x12" Ceiling Tile | 25-27 | Classrooms 4, 5, and 6 Ceilings | Intact | NF | 900 SF | None Detected |
| Brown Vinyl Sheet Flooring | 31-33 | Classroom 6 Floor | Intact | NF | 200 SF | None Detected |
| 12"x12" Light Blue Floor Tile | 37A-39A | Classroom 6 Floor | Intact | NF | 900 SF | None Detected |
| Mastic | 37B-39B | Classroom 6 Floor | Intact | NF | 900 SF | None Detected |
| Gray Window Putty | 274-276 | Exterior Windows | Intact | NF | 60 SF | None Detected |
| Stucco | 313A-315A | Exterior Ceiling | Intact | NF | 900 SF | None Detected |
| Roof Mastic | 352-354 | Roof | Intact | NF | 6,000 SF | None Detected |
| Grey Rolled Roof | 398A-403A | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 398B-403B | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 398C-403C | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 398D-403D | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 398E-403E | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 398F-403F | Roof | Intact | NF | 6,000 SF | None Detected |
| F = Friable<br>NF = Non-Friable | | | | | | |

The following materials **were not** identified as asbestos-containing materials in Building 7,8,9:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Plaster | 40A-42A, 58A-60A | Classrooms 7, 8, and 9 and Girl's Restroom Walls and Ceilings | Intact | NF | 1,250 SF | None Detected |
| Skim Coat | 40B-42B, 58B-60B | Classrooms 7, 8, and 9 and Girl's Restroom Walls and Ceilings | Intact | NF | 1,250 SF | None Detected |
| 6" Cove Base | 43A-45A | Classrooms 7, 8, and 9 Walls | Intact | NF | 130 SF | None Detected |
| Mastic | 43B-45B | Classrooms 7, 8, and 9 Walls | Intact | NF | 130 SF | None Detected |
| Carpet Glue | 46,48 | N/A | Intact | NF | N/A | None Detected |
| 12"x12" Ceiling Tile | 49-51 | Classrooms 7, 8, and 9 Ceilings | Intact | NF | 900 SF | None Detected |
| 12"x12" Light Blue Floor Tile | 52A-54A | Classroom 7 Floor | Intact | NF | 900 SF | None Detected |
| Brown Vinyl Sheet Flooring | 55-56 | Classroom 9 Floor | Intact | NF | 240 SF | None Detected |
| Gray Window Putty | 277-279 | Exterior Windows | Intact | NF | 60 SF | None Detected |
| Stucco | 316A-318A | Exterior Ceiling | Intact | NF | 900 SF | None Detected |
| Roof Mastic | 355-357 | Roof | Intact | NF | 6,000 SF | None Detected |
| Grey Rolled Roof | 404A-409A | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 404B-409B | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 404C-409C | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 404D-409D | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 404E-409E | Roof | Intact | NF | 6,000 SF | None Detected |

| | | | | | | |
|---|---|---|---|---|---|---|
| Roofing Material | 404F-409F | Roof | Intact | NF | 6,000 SF | None Detected |
| F = Friable<br>NF = Non-Friable | | | | | | |

The following materials **were not** identified as asbestos-containing materials in Building 10,11,12:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Plaster | 61A-63A, 73A-75A | Classrooms 10, 11, and 12 and Mechanical Room Walls and Ceilings | Intact | NF | 1,400 SF | None Detected |
| Skim Coat | 61A-63A, 73B-75B | Classrooms 10, 11, and 12 and Mechanical Room Walls and Ceilings | Intact | NF | 1,400 SF | None Detected |
| 6” Cove Base | 64A-66A | Classrooms 10, 11, and 12 Walls | Intact | NF | 210 SF | None Detected |
| Mastic | 64B-66B | Classrooms 10, 11, and 12 Walls | Intact | NF | 210 SF | None Detected |
| Carpet Glue | 67,68 | N/A | Intact | NF | N/A | None Detected |
| 12”x12” Ceiling Tile | 70-72 | Classrooms 10, 11, and 12 Ceilings | Intact | NF | 900 SF | None Detected |
| 4” TSI | 76-78 | Mechanical Room Pipes | Damaged 10% | F | 210 SF | None Detected |
| Gray Window Putty | 280,282 | N/A | Intact | NF | N/A | None Detected |
| Stucco | 319A-321A | Exterior Ceiling | Intact | NF | 900 SF | None Detected |
| Roof Mastic | 358-360 | Roof | Intact | NF | 6,000 SF | None Detected |
| Grey Rolled Roof | 410A-415A | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 410B-415B | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 410C-415C | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 410D-415D | Roof | Intact | NF | 6,000 SF | None Detected |

| |
|---|
| F = Friable<br>NF = Non-Friable |

The following materials **were not** identified as asbestos-containing materials in Building 13,14,15,16:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Plaster | 79A-82A, 95A | Classrooms 13, 14, 15, and 16 Walls | Intact | NF | 1,800 SF | None Detected |
| Skim Coat | 79B-82B, 95B | Classrooms 13, 14, 15, and 16 Walls | Intact | NF | 1,800 SF | None Detected |
| 6" Cove Base | 83A-85A | Classrooms 13 and 15 Walls | Intact | NF | 200 SF | None Detected |
| Mastic | 83B-85B | Classrooms 13 and 15 Walls | Intact | NF | 200 SF | None Detected |
| 12"x12" Ceiling Tile | 86-88 | Classrooms 13, 14, and 16 Ceilings | Intact to Damaged 5% | F/NF | 900 SF | None Detected |
| Carpet Glue | 90,91 | N/A | Intact | NF | N/A | None Detected |
| Drywall | 92A-94A | Classroom 16 Walls | Intact | NF | 400 SF | None Detected |
| Joint Compound | 92B-94B | Classroom 16 Walls | Intact | NF | 400 SF | None Detected |
| Gray Window Putty | 284,285 | N/A | Intact | NF | N/A | None Detected |
| Stucco | 322A-324A | Exterior Ceiling | Intact | NF | 900 SF | None Detected |
| Roof Mastic | 362,363 | N/A | Intact | NF | N/A | None Detected |
| Grey Rolled Roof | 416A-421A | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 416B-421B | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 416C-421C | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 416D-421D | Roof | Intact | NF | 6,000 SF | None Detected |
| F = Friable<br>NF = Non-Friable | | | | | | |

The following materials **were not** identified as asbestos-containing materials in Boys and Girls Locker Room:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Plaster | 96A-102A | Locker Room Walls | Intact | NF | 6,000 SF | None Detected |
| Skim Coat | 96B-102B | Locker Room Walls | Intact | NF | 6,000 SF | None Detected |
| 4” TSI Pipe | 103-105 | Storage/Mechanical Room Pipes | Damaged 10% | F | 11 SF | None Detected |
| Duct Wrapping | 106-108 | Storage/Mechanical Room HVAC Duct Wrapping | Damaged 3% | F | 50 SF | None Detected |
| 12” White with Grey VCT Tile | 109A-111A | Locker Room Floor | Intact | NF | 240 SF | None Detected |
| Mastic | 109B-111B | Locker Room Floor | Intact | NF | 240 SF | None Detected |
| 6” Grey Cove Base | 112A-114A | Locker Room Walls | Intact | NF | 140 SF | None Detected |
| Mastic | 112B-114B | Locker Room Walls | Intact | NF | 140 SF | None Detected |
| 12”x12” Ceiling Tile | 115-117 | Locker Room Ceiling | Damaged 5% | F | 500 SF | None Detected |
| Ceiling Tile Mastic | 118-120 | Locker Room Ceiling | Damaged 5% | F | 500 SF | None Detected |
| Gray Window Putty | 289-291 | Exterior Windows | Intact | NF | 60 SF | None Detected |
| Stucco | 325A-327A | Exterior Ceiling | Intact | NF | 900 SF | None Detected |
| Roof Mastic | 367-369 | Roof | Intact | NF | 6,000 SF | None Detected |
| Grey Rolled Roof | 428A-433A | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 428B-433B | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 428C-433C | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 428D-433D | Roof | Intact | NF | 6,000 SF | None Detected |
| F = Friable<br>NF = Non-Friable | | | | | | |

The following materials **were not** identified as asbestos-containing materials in Building 26A,26B,26C:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Plaster | 124A-128A | Classrooms 26A, 26B, 26C, Office, and Mechanical Room Walls and Ceilings | Intact | NF | 2,000 SF | None Detected |
| Skim Coat | 124B-128B | Classrooms 26A, 26B, 26C, Office, and Mechanical Room Walls and Ceilings | Intact | NF | 2,000 SF | None Detected |
| 4" TSI Pipe | 129-131 | Mechanical Room Pipes | Intact | NF | 84 SF | None Detected |
| 12"x12" Blue VCT Tile | 132A-134A | Office Floor | Intact | NF | 160 SF | None Detected |
| 6" Blue, Grey, and Black Cove Base | 135A-137A | Classrooms 26A, 26B, and 26C Walls | Intact | NF | 195 SF | None Detected |
| Mastic | 135B-137B | Classrooms 26A, 26B, and 26C Walls | Intact | NF | 195 SF | None Detected |
| Ceiling Tile | 138-140 | Classrooms 26A, 26B, and 26C Ceilings | Intact | NF | 900 SF | None Detected |
| Carpet Glue | 141-143 | Classrooms 26A, 26B, and 26C Floors | Intact | NF | 900 SF | None Detected |
| Gray Window Putty | 301-303 | Exterior Windows | Intact | NF | 60 SF | None Detected |
| Stucco | 331A-333A | Exterior Ceiling | Intact | NF | 900 SF | None Detected |
| Roof Mastic | 370-372 | Roof | Intact | NF | 6,000 SF | None Detected |
| Grey Rolled Roof | 434A-439A | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 434B-439B | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 434C-439C | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 434D-439D | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 434E-439E | Roof | Intact | NF | 6,000 SF | None Detected |

| | | | | | | |
|---|---|---|---|---|---|---|
| Roofing Material | 434F-439F | Roof | Intact | NF | 6,000 SF | None Detected |
| F = Friable<br>NF = Non-Friable | | | | | | |

The following materials **were not** identified as asbestos-containing materials in Building 23,24,25:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Plaster | 144A-148A | Classrooms 23, 24, 25, 25A, and Boy's Restroom Walls and Ceilings | Intact | NF | 2,000 SF | None Detected |
| Skim Coat | 144B-148B | Classrooms 23, 24, 25, 25A, and Boy's Restroom Walls and Ceilings | Intact | NF | 2,000 SF | None Detected |
| Brown Sheet Vinyl Flooring | 149A-151A | Classroom 25A Floor | Intact | NF | 140 SF | None Detected |
| Mastic | 149B-151B | Classroom 25A Floor | Intact | NF | 140 SF | None Detected |
| 12"x12" Ceiling Tile | 152-154 | Classrooms 23, 24, and 25 Ceilings | Intact | NF | 900 SF | None Detected |
| Carpet Glue | 155-157 | Classrooms 23, 24, and 25 Floors | Intact | NF | 900 SF | None Detected |
| 6" Black Cove Base | 158A-160A | Classrooms 23, 24, and 25 Walls | Intact | NF | 65 SF | None Detected |
| Mastic | 158B-160B | Classrooms 23, 24, and 25 Walls | Intact | NF | 65 SF | None Detected |
| 4" TSI | 268-270 | Attic Space | Intact | NF | 314 SF | None Detected |
| Gray Window Putty | 298-300 | Exterior Windows | Intact | NF | 60 SF | None Detected |
| Stucco | 337A-339A | Exterior Ceiling | Intact | NF | 900 SF | None Detected |
| Roof Mastic | 373-375 | Roof | Intact | NF | 6,000 SF | None Detected |
| Grey Rolled Roof | 440A-445A | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 440B-445B | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 440C-445C | Roof | Intact | NF | 6,000 SF | None Detected |

| | | | | | | |
|---|---|---|---|---|---|---|
| Roofing Material | 440D-445D | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 440E-445E | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 440F-445F | Roof | Intact | NF | 6,000 SF | None Detected |
| F = Friable<br>NF = Non-Friable | | | | | | |

The following materials **were not** identified as asbestos-containing materials in Building 20,21,22:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Plaster | 161A-165A | Classrooms 20, 21, 22, Boiler Room/Storage, and Classroom 22 Office Walls and Ceilings | Intact | NF | 2,000 SF | None Detected |
| Skim Coat | 161B-165B | Classrooms 20, 21, 22, Boiler Room/Storage, and Classroom 22 Office Walls and Ceilings | Intact | NF | 2,000 SF | None Detected |
| 12”x12” Light Blue with White VCT Tile | 166A-168A | Classroom 22 and 22 Office Under Carpet Floors | Intact | NF | 1,000 SF | None Detected |
| 12”x12” Ceiling Tile | 169-171 | Classroom 20, 21, and 22 Ceilings | Intact | NF | 900 SF | None Detected |
| 6” Cove Base | 172A-174A | Classrooms 20, 21, and 22 Walls | Intact | NF | 65 SF | None Detected |
| Mastic | 172B-174B | Classrooms 20, 21, and 22 Walls | Intact | NF | 65 SF | None Detected |
| Carpet Glue | 175-177 | Classrooms 20, 21, and 22 Floors | Intact | NF | 900 SF | None Detected |
| Blue 12”x12” VCT Tile | 178A-180A | Classroom 22 Floor | Intact | NF | 900 SF | None Detected |
| Mastic | 179B,180B | N/A | Intact | NF | N/A | None Detected |
| Gray Window Putty | 295-297 | Exterior Windows | Intact | NF | 60 SF | None Detected |
| Stucco | 343A-345A | Exterior Ceiling | Intact | NF | 900 SF | None Detected |

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|---|---|---|---|---|---|---|
| Roof Mastic | 383,384 | N/A | Intact | NF | N/A | None Detected |
| Grey Rolled Roof | 452A-457A | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 452B-457B | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 452C-457C | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 452D-457D | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 452E-457E | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 452F-457F | Roof | Intact | NF | 6,000 SF | None Detected |
| F = Friable<br>NF = Non-Friable | | | | | | |

The following materials **were not** identified as asbestos-containing materials in Building 17,18,19:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Plaster | 181A-185A | Classroom 17, 17 Office, 18, 19, and Girl's Restroom Walls and Ceilings | Intact | NF | 2,000 SF | None Detected |
| Skim Coat | 181B-185B | Classroom 17, 17 Office, 18, 19, and Girl's Restroom Walls and Ceilings | Intact | NF | 2,000 SF | None Detected |
| 12"x12" Grey/White VCT Tile | 186A-188A | Classroom 17 and 17 Office Floors | Intact | NF | 1,000 SF | None Detected |
| Mastic | 186B-188B | Classroom 17 and 17 Office Floors | Intact | NF | 1,000 SF | None Detected |
| 12"x12" Blue VCT Tile | 189A-191A | Classroom 18 Floor | Intact | NF | 900 SF | None Detected |
| Mastic | 189B-191B | Classroom 18 Floor | Intact | NF | 900 SF | None Detected |
| 6" Cove Base | 192A-194A | Classroom 17, 18, and 19 Walls | Intact | NF | 65 SF | None Detected |
| Mastic | 192B-194B | Classroom 17, 18, and 19 Walls | Intact | NF | 65 SF | None Detected |
| Ceiling Tile | 198-200 | Classroom 17, 18, and 19 Ceilings | Intact | NF | 900 SF | None Detected |

| | | | | | | |
|---|---|---|---|---|---|---|
| Gray Window Putty | 292-294 | Exterior Windows | Intact | NF | 60 SF | None Detected |
| Stucco | 334A-336A | Exterior Ceiling | Intact | NF | 900 SF | None Detected |
| Roof Mastic | 376-378 | Roof | Intact | NF | 6,000 SF | None Detected |
| Grey Rolled Roof | 446A-451A | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 446B-451B | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 446C-451C | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 446D-451D | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 446E-451E | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 446F-451F | Roof | Intact | NF | 6,000 SF | None Detected |
| F = Friable<br>NF = Non-Friable | | | | | | |

The following materials **were not** identified as asbestos-containing materials in Building 27,28,29:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Plaster | 201A-205A | Classrooms 27, 28, and 29 Walls | Intact | NF | 2,000 SF | None Detected |
| Skim Coat | 201B-205B | Classrooms 27, 28, and 29 Walls | Intact | NF | 2,000 SF | None Detected |
| 12”x12” Ceiling Tile | 206-208 | Classrooms 27, 28, and 29 Ceilings | Intact | NF | 2,200 SF | None Detected |
| 12”x12” Blue VCT Tile | 212A-214A | Classrooms 27 and 29 Floors | Intact | NF | 680 SF | None Detected |
| Mastic | 212B-214B | Classrooms 27 and 29 Floors | Intact | NF | 680 SF | None Detected |
| 6” Blue Cove Base | 215A-217A | Classrooms 27, 28, and 29 Walls | Intact | NF | 230 SF | None Detected |
| Mastic | 215B-217B | Classrooms 27, 28, and 29 Walls | Intact | NF | 230 SF | None Detected |

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|---|---|---|---|---|---|---|
| Drywall | 218A-220A | Classroom 28 Walls | Intact | NF | 500 SF | None Detected |
| Joint Compound | 218B-220B | Classroom 28 Walls | Intact | NF | 500 SF | None Detected |
| Gray Window Putty | 304-306 | Exterior Windows | Intact | NF | 60 SF | None Detected |
| Stucco | 340A-342A | Exterior Ceiling | Intact | NF | 900 SF | None Detected |
| Roof Mastic | 379-381 | Roof | Intact | NF | 6,000 SF | None Detected |
| Grey Rolled Roof | 458A-463A | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 458B-463B | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 458C-463C | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 458D-463D | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 458E-463E | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 458F-463F | Roof | Intact | NF | 6,000 SF | None Detected |
| F = Friable<br>NF = Non-Friable | | | | | | |

The following materials **were not** identified as asbestos-containing materials in Building Admin Building:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Plaster | 221A-225A | Admin Building Walls | Intact | NF | 2,500 SF | None Detected |
| Skim Coat | 221B-225B | Admin Building Walls | Intact | NF | 2,500 SF | None Detected |
| Acoustic Ceiling Texture | 228 | N/A | Intact | NF | N/A | None Detected |
| 12”x12” Ceiling Tile | 229-231 | Admin Building Ceiling | Intact | NF | 4,000 SF | None Detected |
| 6” Cove Base | 232A-234A | Admin Building Walls | Intact | NF | 400 SF | None Detected |

| | | | | | | |
|---|---|---|---|---|---|---|
| Mastic | 232B-234B | Admin Building Walls | Intact | NF | 400 SF | None Detected |
| Brown Vinyl Sheet Flooring | 235A-237A | Admin Building Floor | Intact | NF | 4,000 SF | None Detected |
| Yellow Adhesive | 235B-237B | Admin Building Floor | Intact | NF | 4,000 SF | None Detected |
| Gray Window Putty | 286-288 | Exterior Windows | Intact | NF | 60 SF | None Detected |
| Stucco | 328A-330A | Exterior Ceiling | Intact | NF | 900 SF | None Detected |
| Roof Mastic | 364-366 | Roof | Intact | NF | 6,000 SF | None Detected |
| Grey Rolled Roof | 422A-427A | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 422B-427B | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 422C-427C | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 422D-427D | Roof | Intact | NF | 6,000 SF | None Detected |
| F = Friable<br>NF = Non-Friable | | | | | | |

The following materials **were not** identified as asbestos-containing materials at Covered Walkways:

| Homogenous Material | Sample Number | Material Location | Material Condition | (F/NF) | Approximate Quantity | Percent & Type of Asbestos |
|---|---|---|---|---|---|---|
| Roof Mastic | 346-348 | Roof | Intact | NF | 6,000 SF | None Detected |
| Grey Rolled Roof | 385A-391A | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 385B-391B | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 385C-391C | Roof | Intact | NF | 6,000 SF | None Detected |
| Roofing Material | 385D-391D | Roof | Intact | NF | 6,000 SF | None Detected |
| F = Friable<br>NF = Non-Friable | | | | | | |

***Property Description***

The subject property is a school structure. The subject buildings are single-story wood frame buildings set on a cement slab foundation. At the time of this inspection, the identified asbestos-containing materials were in intact condition. Additionally, Patriot observed no obvious fire or structural damage to the structure.

***Scope of Work***

On August 21, 22, 23, 24, 25, & 28, 2023, Mr. Jose Martinez Ortiz (CSST 19-6551) of 3J Environmental, LLC (located at 923 E 118th Pl Los Angeles, CA 90059; phone number 323-704-5220), a subcontractor of Patriot Environmental Laboratory Services, Inc., conducted the limited asbestos inspection working under the direction of Ms. Johana Quintana Hernandez CAC (19-6487). The interior and exterior of the buildings were visually inspected for the purpose of identifying the specified suspect asbestos-containing materials listed in the summary tables above. Once the inventory of suspect materials was created, physical bulk samples were collected of the materials from representative locations. Samples were collected in airtight containers. Upon collection, sample numbers, descriptions, and collection locations were entered onto a chain of custody for transportation via a Patriot employed courier (Dylan Manning and Aaron Rodriguez) to Patriot's NVLAP accredited laboratory.

***Sample Protocol/Analysis***

Samples were collected in accordance with the Asbestos Hazard Emergency Response Act (40 CFR 763 Subpart E) as mandated by Cal/OSHA (Title 8 Section 1529) and South Coast Air Quality Management District (Rule 1403).

Physical bulk samples were analyzed by Patriot Lab located at 1041 S. Placentia Avenue Fullerton, CA 92831; office number 714-607-5227. Patriot Lab is accredited by the National Voluntary Laboratory Accreditation Program (200358-0). The method of analysis was Polarized Light Microscopy (EPA 600/M4-82-020).

***Recommendations***

If any of the asbestos-containing materials identified in this report are scheduled to be impacted by renovation or demolition activities, an asbestos abatement contractor must remove them prior to disturbance. Asbestos abatement contractors must be registered with the Division of Occupational Safety and Health.

***Disclaimer***

**Limited destructive sampling was conducted at the subject property.** If additional suspect materials are discovered during renovation or demolition activities, all work should cease until a Certified Asbestos Consultant is contracted to determine the asbestos content of the building materials. This inspection was performed in accordance with current regulations and state of the art practices. The inventory of asbestos-containing materials and determination of their condition are based upon observations at the time of inspection. Patriot does not assume responsibility for future regulatory changes or changes in the condition of the building or materials.

Please contact our office if there are any questions regarding this inspection.

Sincerely,

**Patriot Environmental Laboratory Services, Inc.**

**Johana Quintana-Hernandez**
Certified Asbestos Consultant No. 19-6487

Enclosure: Laboratory Results
Sample Location Diagram
Certifications

Certificate of Analysis
**PLM Asbestos Identification**

tel - 858-654-5227
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SDLab@patriotlab.com
6640 Lusk Blvd., Suite A-100, San Diego, CA 92121

PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 989603
Project Number: OC164905
Project Name: Warner Middle School
Project Location: 14171 Newland Street
Westminster, CA 92683

Date Collected: 8/24/2023
Date Received: 8/28/2023
Date Analyzed: 8/28/2023
Date Reported: 8/30/2023

Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-001<br>1 | Building 1,2,3 - Room 1 at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-001A<br>1 | Building 1,2,3 - Room 1 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-002<br>2 | Building 1,2,3 - Room 2 at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-002A<br>2 | Building 1,2,3 - Room 2 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-003<br>3 | Building 1,2,3 - Room 3 at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-003A<br>3 | Building 1,2,3 - Room 3 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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PATRIOT LAB

Westminster School District
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Westminster, CA 92683

Report Number: 989603
Project Number: OC164905
Project Name: Warner Middle School
Project Location: 14171 Newland Street
Westminster, CA 92683

Date Collected: 8/24/2023
Date Received: 8/28/2023
Date Analyzed: 8/28/2023
Date Reported: 8/30/2023

Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-004<br>4 | Building 1,2,3 - Room 1 at Wall Base | Cove Base | Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-004M<br>4 | Building 1,2,3 - Room 1 at Wall Base | Mastic | Yellow | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-005<br>5 | Building 1,2,3 - Room 2 at Wall Base | Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-005M<br>5 | Building 1,2,3 - Room 2 at Wall Base | Mastic | Yellow | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-006<br>6 | Building 1,2,3 - Room 3 at Wall Base | Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-006M<br>6 | Building 1,2,3 - Room 3 at Wall Base | Mastic | Yellow | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-007<br>7 | Building 1,2,3 - Room 1 Floor | Carpet Glue | Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-008<br>8 | Building 1,2,3 - Room 2 Floor | Carpet Glue | Yellow | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-009<br>9 | Building 1,2,3 - Room 3 Floor | Carpet Glue | Yellow Black | 97% Non-Fibrous Material |
| Chrysotile | 3 % | | | |
| **Total Asbestos** | **3%** | | | |
| 989603-010<br>10 | Building 1,2,3 - Room 1 Ceiling | Ceiling Tile | Brown | 95% Cellulose<br>5% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-011<br>11 | Building 1,2,3 - Room 2 Ceiling | Ceiling Tile | Brown | 95% Cellulose<br>5% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-012<br>12 | Building 1,2,3 - Room 3 Ceiling | Ceiling Tile | Brown | 95% Cellulose<br>5% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-013<br>13 | Building 1,2,3 - Boys Bathroom at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-013A<br>13 | Building 1,2,3 - Boys Bathroom at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-014<br>14 | Building 1,2,3 - Boys Bathroom at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-014A<br>14 | Building 1,2,3 - Boys Bathroom at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-015<br>15 | Building 1,2,3 - Boys Bathroom at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Jose Ortiz
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PO Number:
Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-015A<br>15 | Building 1,2,3 - Boys Bathroom at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-016<br>16 | Building 4,5,6 - Room 4 at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-016A<br>16 | Building 4,5,6 - Room 4 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-017<br>17 | Building 4,5,6 - Room 5 at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-017A<br>17 | Building 4,5,6 - Room 5 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-018<br>18 | Building 4,5,6 - Room 6 at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-018A<br>18 | Building 4,5,6 - Room 6 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-019<br>19 | Building 4,5,6 - Room 4 at Wall Base | Cove Base | Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-019M<br>19 | Building 4,5,6 - Room 4 at Wall Base | Mastic | Yellow | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-020<br>20 | Building 4,5,6 - Room 5 at Wall Base | Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-020M<br>20 | Building 4,5,6 - Room 5 at Wall Base | Mastic | Yellow | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-021<br>21 | Building 4,5,6 - Room 6 at Wall Base | Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-021M<br>21 | Building 4,5,6 - Room 6 at Wall Base | Mastic | Yellow | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-022<br>22 | Building 4,5,6 - Room 4 Flooring | Carpet Glue | Blue | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-023<br>23 | Building 4,5,6 - Room 5 Flooring | Carpet Glue | Yellow | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-024<br>24 | Building 4,5,6 - Room 6 Flooring | Carpet Glue | Yellow | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-025<br>25 | Building 4,5,6 - Room 4 Ceiling | Ceiling Tile | Brown | 95% Cellulose<br>5% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-026<br>26 | Building 4,5,6 - Room 5 Ceiling | Ceiling Tile | Brown | 95% Cellulose<br>5% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-027<br>27 | Building 4,5,6 - Room 6 Ceiling | Ceiling Tile | Brown | 95% Cellulose<br>5% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-028<br>28 | Building 4,5,6 - Janitors Closet at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-028A<br>28 | Building 4,5,6 - Janitors Closet at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-029<br>29 | Building 4,5,6 - Janitors Closet at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-029A<br>29 | Building 4,5,6 - Janitors Closet at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-030<br>30 | Building 4,5,6 - Janitors Closet at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-030A<br>30 | Building 4,5,6 - Janitors Closet at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-031<br>31 | Building 4,5,6 - Classroom 6 Flooring | Vinyl Sheet Flooring | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-031M<br>31 | Building 4,5,6 - Classroom 6 Flooring | Mastic | Yellow | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-032<br>32 | Building 4,5,6 - Classroom 6 Flooring | Vinyl Sheet Flooring | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-032M<br>32 | Building 4,5,6 - Classroom 6 Flooring | Mastic | Yellow | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

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PO Number:
Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-033<br>33 | Building 4,5,6 - Classroom 6 Flooring | Vinyl Sheet Flooring | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-033M<br>33 | Building 4,5,6 - Classroom 6 Flooring | Mastic | Yellow | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-034<br>34 | Building 1,2,3 - Room 1 Flooring | Vinyl Sheet Flooring | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-034M<br>34 | Building 1,2,3 - Room 1 Flooring | Mastic | Yellow | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-035<br>35 | Building 1,2,3 - Room 1 Flooring | Vinyl Sheet Flooring | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-035M<br>35 | Building 1,2,3 - Room 1 Flooring | Mastic | Yellow | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

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Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-036<br>36 | Building 1,2,3 - Room 1<br>Flooring | Vinyl Sheet Flooring | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-036M<br>36 | Building 1,2,3 - Room 1<br>Flooring | Mastic | Yellow | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-037<br>37 | Building 4,5,6 - Room 6<br>Flooring | 12x12 Floor Tile | Light Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-037M<br>37 | Building 4,5,6 - Room 6<br>Flooring | Mastic | Yellow Brown | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-038<br>38 | Building 4,5,6 - Room 6<br>Flooring | 12x12 Floor Tile | Light Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-038M<br>38 | Building 4,5,6 - Room 6<br>Flooring | Mastic | Yellow Brown | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-039<br>39 | Building 4,5,6 - Room 6 Flooring | 12x12 Floor Tile | Light Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-039M<br>39 | Building 4,5,6 - Room 6 Flooring | Mastic | Yellow Brown | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-040<br>40 | Building 7,8,9 - Room 7 at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-040A<br>40 | Building 7,8,9 - Room 7 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-041<br>41 | Building 7,8,9 - Room 8 at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-041A<br>41 | Building 7,8,9 - Room 8 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-042<br>42 | Building 7,8,9 - Room 9 at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-042A<br>42 | Building 7,8,9 - Room 9 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-043<br>43 | Building 7,8,9 - Room 7 at Wall Base | Cove Base | Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-043M<br>43 | Building 7,8,9 - Room 7 at Wall Base | Mastic | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-044<br>44 | Building 7,8,9 - Room 8 at Wall Base | Cove Base | Green | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-044M<br>44 | Building 7,8,9 - Room 8 at Wall Base | Mastic | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-045<br>45 | Building 7,8,9 - Room 9 at Wall Base | Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-045M<br>45 | Building 7,8,9 - Room 9 at Wall Base | Mastic | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-046<br>46 | Building 7,8,9 - Room 8 Flooring | Carpet Glue | Yellow | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-047<br>47 | Building 7,8,9 - Room 8 Flooring | Carpet Glue | Yellow Black | 98% Non-Fibrous Material |
| Chrysotile | 2 % | | | |
| **Total Asbestos** | **2%** | | | |
| 989603-048<br>48 | Building 7,8,9 - Room 9 Flooring | Carpet Glue | Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-049<br>49 | Building 7,8,9 - Room 7 Ceiling | Ceiling Tile | Brown | 95% Cellulose<br>5% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 989603
Project Number: OC164905
Project Name: Warner Middle School
Project Location: 14171 Newland Street
Westminster, CA 92683

Date Collected: 8/24/2023
Date Received: 8/28/2023
Date Analyzed: 8/28/2023
Date Reported: 8/30/2023

Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-050<br>50 | Building 7,8,9 - Room 8 Ceiling | Ceiling Tile | Brown | 95% Cellulose<br>5% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-051<br>51 | Building 7,8,9 - Room 9 Ceiling | Ceiling Tile | Brown | 95% Cellulose<br>5% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-052<br>52 | Building 7,8,9 - Room 7 Flooring Classroom 7 Flooring | 12x12 Floor Tile | Light Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-052M<br>52 | Building 7,8,9 - Room 7 Flooring Classroom 7 Flooring | Mastic | Yellow Black | 98% Non-Fibrous Material |
| Chrysotile | 2 % | | | |
| **Total Asbestos** | **2%** | | | |
| 989603-053<br>53 | Building 7,8,9 - Room 7 Flooring Classroom 7 Flooring | 12x12 Floor Tile | Light Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Claim Number: PO No: T6000779
PO Number:
Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-053M<br>53 | Building 7,8,9 - Room 7 Flooring Classroom 7 Flooring | Mastic | Yellow Black | 98% Non-Fibrous Material |
| Chrysotile | 2 % | | | |
| **Total Asbestos** | **2%** | | | |
| 989603-054<br>54 | Building 7,8,9 - Room 7 Flooring Classroom 7 Flooring | 12x12 Floor Tile | Light Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-054M<br>54 | Building 7,8,9 - Room 7 Flooring Classroom 7 Flooring | Mastic | Yellow Black | 98% Non-Fibrous Material |
| Chrysotile | 2 % | | | |
| **Total Asbestos** | **2%** | | | |
| 989603-055<br>55 | Building 7,8,9 - Room 9 Floor | Vinyl Sheet Flooring | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-055M<br>55 | Building 7,8,9 - Room 9 Floor | Mastic | Yellow | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-056<br>56 | Building 7,8,9 - Room 9 Floor | Vinyl Sheet Flooring | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-056M<br>56 | Building 7,8,9 - Room 9 Floor | Mastic | Yellow | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-057<br>57 | Building 7,8,9 - Room 9 Floor | Vinyl Sheet Flooring | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-057M<br>57 | Building 7,8,9 - Room 9 Floor | Mastic | Yellow | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-058<br>58 | Building 7,8,9 - Girls Bathroom at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-058A<br>58 | Building 7,8,9 - Girls Bathroom at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-059<br>59 | Building 7,8,9 - Girls Bathroom at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-059A<br>59 | Building 7,8,9 - Girls Bathroom at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-060<br>60 | Building 7,8,9 - Girls Bathroom at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-060A<br>60 | Building 7,8,9 - Girls Bathroom at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-061<br>61 | Building 10,11,12 - Room 10 at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-061A<br>61 | Building 10,11,12 - Room 10 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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PO Number:
Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-062<br>62 | Building 10,11,12 - Room 11 at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-062A<br>62 | Building 10,11,12 - Room 11 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-063<br>63 | Building 10,11,12 - Room 12 at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-063A<br>63 | Building 10,11,12 - Room 12 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-064<br>64 | Building 10,11,12 - Room 10 at Wall Base | Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-064M<br>64 | Building 10,11,12 - Room 10 at Wall Base | Mastic | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-065<br>65 | Building 10,11,12 - Room 11 at Wall Base | Cove Base | Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-065M<br>65 | Building 10,11,12 - Room 11 at Wall Base | Mastic | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-066<br>66 | Building 10,11,12 - Room 12 at Wall Base | Cove Base | Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-066M<br>66 | Building 10,11,12 - Room 12 at Wall Base | Mastic | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-067<br>67 | Building 10,11,12 - Room 10 Flooring | Carpet Glue | Blue Green | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-068<br>68 | Building 10,11,12 - Room 11 Flooring | Carpet Glue | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-069<br>69 | Building 10,11,12 - Room 12 Flooring | Carpet Glue | Yellow Black | 95% Non-Fibrous Material |
| Chrysotile 5 % | | | | |
| **Total Asbestos** **5%** | | | | |
| 989603-070<br>70 | Building 10,11,12 - Room 10 at Ceiling | Ceiling Tile | Brown | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-071<br>71 | Building 10,11,12 - Room 11 at Ceiling | Ceiling Tile | Brown | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-072<br>72 | Building 10,11,12 - Room 12 at Ceiling | Ceiling Tile | Brown | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-073<br>73 | Building 10,11,12 - Mechanical Room at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-073A<br>73 | Building 10,11,12 - Mechanical Room at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-074<br>74 | Building 10,11,12 - Mechanical Room at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-074A<br>74 | Building 10,11,12 - Mechanical Room at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-075<br>75 | Building 10,11,12 - Mechanical Room at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-075A<br>75 | Building 10,11,12 - Mechanical Room at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-076<br>76 | Building 10,11,12 - Mechanical Room Pipes | Thermal Systems Insulation | Yellow | 60% Glass Fibers<br>30% Mineral Wool<br>5% Cellulose<br>5% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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PO Number:
Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-077<br>77 | Building 10,11,12 - Mechanical Room Pipes | Thermal Systems Insulation | Yellow | 60% Glass Fibers<br>30% Mineral Wool<br>5% Cellulose<br>5% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-078<br>78 | Building 10,11,12 - Mechanical Room Pipes | Thermal Systems Insulation | Yellow | 60% Glass Fibers<br>30% Mineral Wool<br>5% Cellulose<br>5% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-079<br>79 | Building 13,14,15,16 - Room 13 at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-079A<br>79 | Building 13,14,15,16 - Room 13 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-080<br>80 | Building 13,14,15,16 - Room 14 at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-080A<br>80 | Building 13,14,15,16 - Room 14 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-081<br>81 | Building 13,14,15,16 - Room 15 at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-081A<br>81 | Building 13,14,15,16 - Room 15 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-082<br>82 | Building 13,14,15,16 - Room 16 at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-082A<br>82 | Building 13,14,15,16 - Room 16 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-083<br>83 | Building 13,14,15,16 - Room 13 at Wall Base | Cove Base | Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-083M<br>83 | Building 13,14,15,16 - Room 13 at Wall Base | Mastic | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-084<br>84 | Building 13,14,15,16 - Room 13 at Wall Base | Cove Base | Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-084M<br>84 | Building 13,14,15,16 - Room 13 at Wall Base | Mastic | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-085<br>85 | Building 13,14,15,16 - Room 15 at Wall Base | Cove Base | Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-085M<br>85 | Building 13,14,15,16 - Room 15 at Wall Base | Mastic | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-086<br>86 | Building 13,14,15,16 - Room 13 at Ceiling | Ceiling Tile | Beige | 70% Cellulose<br>30% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-087<br>87 | Building 13,14,15,16 - Room 14 at Ceiling | Ceiling Tile | Beige | 70% Cellulose<br>30% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-088<br>88 | Building 13,14,15,16 - Room 16 at Ceiling | Ceiling Tile | Beige | 70% Cellulose<br>30% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-089<br>89 | Building 13,14,15,16 - Room 13 Flooring | Carpet Glue | Yellow Black | 95% Non-Fibrous Material |
| Chrysotile | 5 % | | | |
| **Total Asbestos** | **5%** | | | |
| 989603-090<br>90 | Building 13,14,15,16 - Room 14 Flooring | Carpet Glue | Yellow | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-091<br>91 | Building 13,14,15,16 - Room 16 Flooring | Carpet Glue | Yellow | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-092<br>92 | Building 13,14,15,16 - Room 16 | Drywall | White | 91% Non-Fibrous Material<br>7% Cellulose<br>2% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989603-092A<br>92 | Building 13,14,15,16 - Room 16 | Joint Compound | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-092C<br>92 | Building 13,14,15,16 - Room 16 | Drywall and Joint Compound | White | 93% Non-Fibrous Material<br>5% Cellulose<br>2% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989603-093<br>93 | Building 13,14,15,16 - Room 16 | Drywall | White | 91% Non-Fibrous Material<br>7% Cellulose<br>2% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989603-093A<br>93 | Building 13,14,15,16 - Room 16 | Joint Compound | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-093C<br>93 | Building 13,14,15,16 - Room 16 | Drywall and Joint Compound | White | 93% Non-Fibrous Material<br>5% Cellulose<br>2% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989603-094<br>94 | Building 13,14,15,16 - Room 16 | Drywall | White | 91% Non-Fibrous Material<br>7% Cellulose<br>2% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989603-094A<br>94 | Building 13,14,15,16 - Room 16 | Joint Compound | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-094C<br>94 | Building 13,14,15,16 - Room 16 | Drywall and Joint Compound | White | 93% Non-Fibrous Material<br>5% Cellulose<br>2% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989603-095<br>95 | Building 13,14,15,16 - Room 14 | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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PATRIOT LAB

Westminster School District
Brian Johnson
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Report Number: 989603
Project Number: OC164905
Project Name: Warner Middle School
Project Location: 14171 Newland Street
Westminster, CA 92683

Date Collected: 8/24/2023
Date Received: 8/28/2023
Date Analyzed: 8/28/2023
Date Reported: 8/30/2023

Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-095A<br>95 | Building 13,14,15,16 - Room 14 | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-096<br>96 | Boys and Girls Locker Room Storage/Mud Room at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-096A<br>96 | Boys and Girls Locker Room Storage/Mud Room at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-097<br>97 | Boys and Girls Locker Room at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-097A<br>97 | Boys and Girls Locker Room at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-098<br>98 | Boys and Girls Locker Room at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-098A<br>98 | Boys and Girls Locker Room at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-099<br>99 | Boys and Girls Locker Room at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-099A<br>99 | Boys and Girls Locker Room at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-100<br>100 | Boys and Girls Locker Room at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-100A<br>100 | Boys and Girls Locker Room at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-101<br>101 | Boys and Girls Locker Room at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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PO Number:
Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-101A<br>101 | Boys and Girls Locker Room at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-102<br>102 | Boys and Girls Locker Room at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-102A<br>102 | Boys and Girls Locker Room at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-103<br>103 | Boys and Girls Locker Room Storage/Mechanical Room Pipes | Thermal Systems Insulation 4" Pipe | Yellow | 60% Glass Fibers<br>30% Mineral Wool<br>5% Cellulose<br>5% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-104<br>104 | Boys and Girls Locker Room Storage/Mechanical Room Pipes | Thermal Systems Insulation 4" Pipe | Yellow | 60% Glass Fibers<br>30% Mineral Wool<br>5% Cellulose<br>5% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Claim Number: PO No: T6000779
PO Number:
Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-105<br>105 | Boys and Girls Locker Room Storage/Mechanical Room Pipes | Thermal Systems Insulation 4" Pipe | Yellow | 60% Glass Fibers<br>30% Mineral Wool<br>5% Cellulose<br>5% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-106<br>106 | Boys and Girls Locker Room Storage/Mechanical Room HVAC Duct Wrapping | Duct Wrapping | Yellow | 70% Synthetic Fibers<br>20% Cellulose<br>10% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-107<br>107 | Boys and Girls Locker Room Storage/Mechanical Room HVAC Duct Wrapping | Duct Wrapping | Yellow | 70% Synthetic Fibers<br>20% Cellulose<br>10% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-108<br>108 | Boys and Girls Locker Room Storage/Mechanical Room HVAC Duct Wrapping | Duct Wrapping | Yellow | 70% Synthetic Fibers<br>20% Cellulose<br>10% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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PO Number:
Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-109<br>109 | Boys and Girls Locker Room Floor | 12"x12" Vinyl Composition Tile | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-109M<br>109 | Boys and Girls Locker Room Floor | Mastic | Grey | 90% Non-Fibrous Material<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-110<br>110 | Boys and Girls Locker Room Floor | 12"x12" Vinyl Composition Tile | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-110M<br>110 | Boys and Girls Locker Room Floor | Mastic | Grey | 90% Non-Fibrous Material<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-111<br>111 | Boys and Girls Locker Room Floor | 12"x12" Vinyl Composition Tile | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-111M<br>111 | Boys and Girls Locker Room Floor | Mastic | Grey | 90% Non-Fibrous Material<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

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Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-112<br>112 | Boys and Girls Locker Room at Wall Base | Cove Base 6" | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-112M<br>112 | Boys and Girls Locker Room at Wall Base | Mastic | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-113<br>113 | Boys and Girls Locker Room at Wall Base | Cove Base 6" | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-113M<br>113 | Boys and Girls Locker Room at Wall Base | Mastic | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-114<br>114 | Boys and Girls Locker Room at Wall Base | Cove Base 6" | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-114M<br>114 | Boys and Girls Locker Room at Wall Base | Mastic | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-115<br>115 | Boys and Girls Locker Room at Ceiling | Ceiling Tile 12"x12" | Brown | 95% Cellulose<br>5% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-116<br>116 | Boys and Girls Locker Room at Ceiling | Ceiling Tile 12"x12" | Brown | 95% Cellulose<br>5% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-117<br>117 | Boys and Girls Locker Room at Ceiling | Ceiling Tile 12"x12" | Brown | 95% Cellulose<br>5% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-118<br>118 | Boys and Girls Locker Room at Ceiling | Ceiling Tile Mastic | Brown | 70% Non-Fibrous Material<br>30% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-119<br>119 | Boys and Girls Locker Room at Ceiling | Ceiling Tile Mastic | Brown | 70% Non-Fibrous Material<br>30% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

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Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-120<br>120 | Boys and Girls Locker Room at Ceiling | Ceiling Tile Mastic | Brown | 70% Non-Fibrous Material<br>30% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-121<br>121 | Boys and Girls Locker Room at Floor | 9x9 Floor Tile | Brown | 96% Non-Fibrous Material |
| Chrysotile | 4 % | | | |
| **Total Asbestos** | **4%** | | | |
| 989603-121M<br>121 | Boys and Girls Locker Room at Floor | Mastic | Black | 95% Non-Fibrous Material |
| Chrysotile | 5 % | | | |
| **Total Asbestos** | **5%** | | | |
| 989603-122<br>122 | Boys and Girls Locker Room at Floor | 9x9 Floor Tile | Brown | 96% Non-Fibrous Material |
| Chrysotile | 4 % | | | |
| **Total Asbestos** | **4%** | | | |
| 989603-122M<br>122 | Boys and Girls Locker Room at Floor | Mastic | Black | 95% Non-Fibrous Material |
| Chrysotile | 5 % | | | |
| **Total Asbestos** | **5%** | | | |

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PO Number:
Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-123<br>123 | Boys and Girls Locker Room at Floor | 9x9 Floor Tile | Brown | 96% Non-Fibrous Material |
| Chrysotile 4 % | | | | |
| **Total Asbestos** **4%** | | | | |
| 989603-123M<br>123 | Boys and Girls Locker Room at Floor | Mastic | Black | 95% Non-Fibrous Material |
| Chrysotile 5 % | | | | |
| **Total Asbestos** **5%** | | | | |
| 989603-124<br>124 | Building 26A,26B,26C - Room 26C at Wall | Plaster | White | 100% Non-Fibrous Material |
| **Total Asbestos** **None Detected** | | | | |
| 989603-124A<br>124 | Building 26A,26B,26C - Room 26C at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** **None Detected** | | | | |
| 989603-125<br>125 | Building 26A,26B,26C - Room 26B at Wall | Plaster | White | 100% Non-Fibrous Material |
| **Total Asbestos** **None Detected** | | | | |
| 989603-125A<br>125 | Building 26A,26B,26C - Room 26B at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** **None Detected** | | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-126<br>126 | Building 26A,26B,26C - Room 26A at Wall | Plaster | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-126A<br>126 | Building 26A,26B,26C - Room 26A at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-127<br>127 | Building 26A,26B,26C - Mechanical Room at Wall | Plaster | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-127A<br>127 | Building 26A,26B,26C - Mechanical Room at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-128<br>128 | Building 26A,26B,26C - Office at Wall | Plaster | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-128A<br>128 | Building 26A,26B,26C - Office at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-129<br>129 | Building 26A,26B,26C - Mechanical Room | Thermal Systems Insulation 4" Pipe | Yellow | 85% Glass Fibers<br>15% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-130<br>130 | Building 26A,26B,26C - Mechanical Room | Thermal Systems Insulation 4" Pipe | Yellow | 85% Glass Fibers<br>15% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-131<br>131 | Building 26A,26B,26C - Mechanical Room | Thermal Systems Insulation 4" Pipe | Yellow | 85% Glass Fibers<br>15% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-132<br>132 | Building 26A,26B,26C - Office Flooring | 12"x12" Vinyl Composition Tile | Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-132M<br>132 | Building 26A,26B,26C - Office Flooring | Mastic | Yellow, Black | 98% Non-Fibrous Material |
| Chrysotile | 2 % | | | |
| **Total Asbestos** | **2%** | | | |

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Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-133<br>133 | Building 26A,26B,26C - Office Floor | 12"x12" Vinyl Composition Tile | Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-133M<br>133 | Building 26A,26B,26C - Office Floor | Mastic | Yellow, Black | 98% Non-Fibrous Material |
| Chrysotile | 2 % | | | |
| **Total Asbestos** | **2%** | | | |
| 989603-134<br>134 | Building 26A,26B,26C - Office Floor | 12"x12" Vinyl Composition Tile | Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-134M<br>134 | Building 26A,26B,26C - Office Floor | Mastic | Yellow, Black | 98% Non-Fibrous Material |
| Chrysotile | 2 % | | | |
| **Total Asbestos** | **2%** | | | |
| 989603-135<br>135 | Building 26A,26B,26C - Room 26A at Wall Base | Cove Base 6" | Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-135M<br>135 | Building 26A,26B,26C - Room 26A at Wall Base | Mastic | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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PO Number:
Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-136<br>136 | Building 26A,26B,26C - Room 26B at Wall Base | Cove Base 6" | Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-136M<br>136 | Building 26A,26B,26C - Room 26B at Wall Base | Mastic | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-137<br>137 | Building 26A,26B,26C - Room 26C at Wall Base | Cove Base 6" | Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-137M<br>137 | Building 26A,26B,26C - Room 26C at Wall Base | Mastic | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-138<br>138 | Building 26A,26B,26C - Room 26A at Ceiling | Ceiling Tile | Brown | 70% Non-Fibrous Material<br>30% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-139<br>139 | Building 26A,26B,26C - Room 26B at Ceiling | Ceiling Tile | Brown | 70% Non-Fibrous Material<br>30% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

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PATRIOT LAB

Westminster School District
Brian Johnson
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Report Number: 989603
Project Number: OC164905
Project Name: Warner Middle School
Project Location: 14171 Newland Street
Westminster, CA 92683

Date Collected: 8/24/2023
Date Received: 8/28/2023
Date Analyzed: 8/28/2023
Date Reported: 8/30/2023

Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-140<br>140 | Building 26A,26B,26C - Room 26C at Ceiling | Ceiling Tile | Brown | 70% Non-Fibrous Material<br>30% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-141<br>141 | Building 26A,26B,26C - Room 26A Floor | Carpet Glue | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-142<br>142 | Building 26A,26B,26C - Room 26B Floor | Carpet Glue | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-143<br>143 | Building 26A,26B,26C - Room 26C Floor | Carpet Glue | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-144<br>144 | Building 23,24,25 - Room 23 at Wall | Plaster | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-144A<br>144 | Building 23,24,25 - Room 23 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Jose Ortiz
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PO Number:
Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-145<br>145 | Building 23,24,25 - Room 24 at Wall | Plaster | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-145A<br>145 | Building 23,24,25 - Room 24 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-146<br>146 | Building 23,24,25 - Room 25 at Wall | Plaster | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-146A<br>146 | Building 23,24,25 - Room 25 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-147<br>147 | Building 23,24,25 - Boys Restroom at Wall | Plaster | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-147A<br>147 | Building 23,24,25 - Boys Restroom at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-148<br>148 | Building 23,24,25 - Room 25A at Wall | Plaster | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-148A<br>148 | Building 23,24,25 - Room 25A at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-149<br>149 | Building 23,24,25 - Room 25A Flooring | Sheet Vinyl Flooring | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-149M<br>149 | Building 23,24,25 - Room 25A Flooring | Mastic | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-150<br>150 | Building 23,24,25 - Room 25A Flooring | Sheet Vinyl Flooring | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-150M<br>150 | Building 23,24,25 - Room 25A Flooring | Mastic | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-151<br>151 | Building 23,24,25 - Room 25A Flooring | Sheet Vinyl Flooring | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-151M<br>151 | Building 23,24,25 - Room 25A Flooring | Mastic | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-152<br>152 | Building 23,24,25 - Room 23 at Ceiling | Ceiling Tile 12"x12" | Brown | 70% Non-Fibrous Material<br>30% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-153<br>153 | Building 23,24,25 - Room 24 at Ceiling | Ceiling Tile 12"x12" | Brown | 70% Non-Fibrous Material<br>30% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-154<br>154 | Building 23,24,25 - Room 25 at Ceiling | Ceiling Tile 12"x12" | Brown | 70% Non-Fibrous Material<br>30% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-155<br>155 | Building 23,24,25 - Room 23 Flooring | Carpet Glue | Yellow, Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-156<br>156 | Building 23,24,25 - Room 24 Flooring | Carpet Glue | Yellow, Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-157<br>157 | Building 23,24,25 - Room 25 Flooring | Carpet Glue | Yellow, Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-158<br>158 | Building 23,24,25 - Room 23 at Wall Base | Cove Base 6" | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-158M<br>158 | Building 23,24,25 - Room 23 at Wall Base | Mastic | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-159<br>159 | Building 23,24,25 - Room 24 at Wall Base | Cove Base 6" | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-159M<br>159 | Building 23,24,25 - Room 24 at Wall Base | Mastic | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Jose Ortiz
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PO Number:
Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-160<br>160 | Building 23,24,25 - Room 25 at Wall Base | Cove Base 6" | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-160M<br>160 | Building 23,24,25 - Room 25 at Wall Base | Mastic | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-161<br>161 | Building 20,21,22 - Room 20 at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-161A<br>161 | Building 20,21,22 - Room 20 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-162<br>162 | Building 20,21,22 - Room 21 at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-162A<br>162 | Building 20,21,22 - Room 21 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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PO Number:
Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-163<br>163 | Building 20,21,22 - Room 22 at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-163A<br>163 | Building 20,21,22 - Room 22 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-164<br>164 | Building 20,21,22 - Boiler Room/Storage | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-164A<br>164 | Building 20,21,22 - Boiler Room/Storage | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-165<br>165 | Building 20,21,22 - Room 22 Office | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-165A<br>165 | Building 20,21,22 - Room 22 Office | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-166<br>166 | Building 20,21,22 - Room 22 Office Under Carpet | 12"x12" Vinyl Composition Tile | Light Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-166M<br>166 | Building 20,21,22 - Room 22 Office Under Carpet | Mastic | Yellow Black | 95% Non-Fibrous Material |
| Chrysotile | 5 % | | | |
| **Total Asbestos** | **5%** | | | |
| 989603-167<br>167 | Building 20,21,22 - Room 22 Office Under Carpet | 12"x12" Vinyl Composition Tile | Light Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-167M<br>167 | Building 20,21,22 - Room 22 Office Under Carpet | Mastic | Yellow Black | 95% Non-Fibrous Material |
| Chrysotile | 5 % | | | |
| **Total Asbestos** | **5%** | | | |
| 989603-168<br>168 | Building 20,21,22 - Room 22 Office Under Carpet | 12"x12" Vinyl Composition Tile | Light Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-168M<br>168 | Building 20,21,22 - Room 22 Office Under Carpet | Mastic | Yellow Black | 95% Non-Fibrous Material |
| Chrysotile | 5 % | | | |
| **Total Asbestos** | **5%** | | | |

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Collected By: Jose Ortiz
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PO Number:
Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-169<br>169 | Building 20,21,22 - Room 20 at Ceiling | Ceiling Tile | Brown | 95% Cellulose<br>5% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-170<br>170 | Building 20,21,22 - Room 21 at Ceiling | Ceiling Tile | Brown | 95% Cellulose<br>5% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-171<br>171 | Building 20,21,22 - Room 22 at Ceiling | Ceiling Tile | Brown | 95% Cellulose<br>5% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-172<br>172 | Building 20,21,22 - Room 20 at Wall Base | Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-172M<br>172 | Building 20,21,22 - Room 20 at Wall Base | Mastic | Yellow | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-173<br>173 | Building 20,21,22 - Room 21 at Wall Base | Cove Base | Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Jose Ortiz
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PO Number:
Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-173M<br>173 | Building 20,21,22 - Room 21 at Wall Base | Mastic | Yellow | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-174<br>174 | Building 20,21,22 - Room 22 at Wall Base | Cove Base | Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-174M<br>174 | Building 20,21,22 - Room 22 at Wall Base | Mastic | Yellow | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-175<br>175 | Building 20,21,22 - Room 20 at Floor | Carpet Glue | Cream | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-176<br>176 | Building 20,21,22 - Room 21 at Floor | Carpet Glue | Cream | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-177<br>177 | Building 20,21,22 - Room 22 at Floor | Carpet Glue | Cream | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-178<br>178 | Building 20,21,22 - Room 22 Floor by Sink | 12"x12" Vinyl Composition Tile | Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-178M<br>178 | Building 20,21,22 - Room 22 Floor by Sink | Mastic | Yellow Brown | 98% Non-Fibrous Material |
| Chrysotile | 2 % | | | |
| **Total Asbestos** | **2%** | | | |
| 989603-179<br>179 | Building 20,21,22 - Room 22 Floor by Sink | 12"x12" Vinyl Composition Tile | Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-179M<br>179 | Building 20,21,22 - Room 22 Floor by Sink | Mastic | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-180<br>180 | Building 20,21,22 - Room 22 Floor by Sink | 12"x12" Vinyl Composition Tile | Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-180M<br>180 | Building 20,21,22 - Room 22 Floor by Sink | Mastic | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-181<br>181 | Building 17,18,19 - Room 17 at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-181A<br>181 | Building 17,18,19 - Room 17 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-182<br>182 | Building 17,18,19 - Room 17 Office at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-182A<br>182 | Building 17,18,19 - Room 17 Office at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-183<br>183 | Building 17,18,19 - Room 18 at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-183A<br>183 | Building 17,18,19 - Room 18 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-184<br>184 | Building 17,18,19 - Room 19 at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-184A<br>184 | Building 17,18,19 - Room 19 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-185<br>185 | Building 17,18,19 - Girls Bathroom at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-185A<br>185 | Building 17,18,19 - Girls Bathroom at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-186<br>186 | Building 17,18,19 - Office Room 17 - Flooring | 12"x12" Vinyl Composition Tile | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-186M<br>186 | Building 17,18,19 - Office Room 17 - Flooring | Mastic | Yellow Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Westminster School District
Brian Johnson
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Report Number: 989603
Project Number: OC164905
Project Name: Warner Middle School
Project Location: 14171 Newland Street
Westminster, CA 92683

Date Collected: 8/24/2023
Date Received: 8/28/2023
Date Analyzed: 8/28/2023
Date Reported: 8/30/2023

Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-187<br>187 | Building 17,18,19 - Office Room 17 - Flooring | 12"x12" Vinyl Composition Tile | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-187M<br>187 | Building 17,18,19 - Office Room 17 - Flooring | Mastic | Yellow Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-188<br>188 | Building 17,18,19 - Office Room 17 - Flooring | 12"x12" Vinyl Composition Tile | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-188M<br>188 | Building 17,18,19 - Office Room 17 - Flooring | Mastic | Yellow Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-189<br>189 | Building 17,18,19 - Room 18 - Flooring | 12"x12" Vinyl Composition Tile | Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-189M<br>189 | Building 17,18,19 - Room 18 - Flooring | Mastic | Yellow | 80% Non-Fibrous Material<br>20% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-190<br>190 | Building 17,18,19 - Room 18 - Flooring | 12"x12" Vinyl Composition Tile | Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-190M<br>190 | Building 17,18,19 - Room 18 - Flooring | Mastic | Yellow | 80% Non-Fibrous Material<br>20% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-191<br>191 | Building 17,18,19 - Room 18 - Flooring | 12"x12" Vinyl Composition Tile | Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-191M<br>191 | Building 17,18,19 - Room 18 - Flooring | Mastic | Yellow | 80% Non-Fibrous Material<br>20% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-192<br>192 | Building 17,18,19 - Room 17 at Wall Base | 6" Cove Base | Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-192M<br>192 | Building 17,18,19 - Room 17 at Wall Base | Mastic | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Jose Ortiz
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PO Number:
Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-193<br>193 | Building 17,18,19 - Room 18 at Wall Base | 6" Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-193M<br>193 | Building 17,18,19 - Room 18 at Wall Base | Mastic | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-194<br>194 | Building 17,18,19 - Room 19 at Wall Base | 6" Cove Base | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-194M<br>194 | Building 17,18,19 - Room 19 at Wall Base | Mastic | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-195<br>195 | Building 17,18,19 - Room 18 at Floor | Carpet Glue | Yellow Black | 98% Non-Fibrous Material |
| Chrysotile | 2 % | | | |
| **Total Asbestos** | **2%** | | | |
| 989603-196<br>196 | Building 17,18,19 - Room 19 at Floor | Carpet Glue | Yellow Black | 98% Non-Fibrous Material |
| Chrysotile | 2 % | | | |
| **Total Asbestos** | **2%** | | | |

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Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-197<br>197 | Building 17,18,19 - Room 19 at Floor | Carpet Glue | Yellow Black | 98% Non-Fibrous Material |
| Chrysotile | 2 % | | | |
| **Total Asbestos** | **2%** | | | |
| 989603-198<br>198 | Building 17,18,19 - Room 17 Ceiling | Ceiling Tile | Brown | 95% Cellulose<br>5% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-199<br>199 | Building 17,18,19 - Room 18 Ceiling | Ceiling Tile | Brown | 95% Cellulose<br>5% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-200<br>200 | Building 17,18,19 - Room 19 Ceiling | Ceiling Tile | Brown | 95% Cellulose<br>5% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-201<br>201 | Building 27,28,29 - Room 27 at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-201A<br>201 | Building 27,28,29 - Room 27 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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PO Number:
Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-202<br>202 | Building 27,28,29 - Room 27 at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-202A<br>202 | Building 27,28,29 - Room 27 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-203<br>203 | Building 27,28,29 - Room 27 at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-203A<br>203 | Building 27,28,29 - Room 27 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-204<br>204 | Building 27,28,29 - Room 28 at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-204A<br>204 | Building 27,28,29 - Room 28 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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PO Number:
Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-205<br>205 | Building 27,28,29 - Room 29 at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-205A<br>205 | Building 27,28,29 - Room 29 at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-206<br>206 | Building 27,28,29 - Room 27 at Ceiling | Ceiling Tile | Brown | 95% Cellulose<br>5% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-207<br>207 | Building 27,28,29 - Room 28 at Ceiling | Ceiling Tile | Brown | 95% Cellulose<br>5% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-208<br>208 | Building 27,28,29 - Room 29 at Ceiling | Ceiling Tile | Brown | 95% Cellulose<br>5% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-209<br>209 | Building 27,28,29 - Room 27 at Floor | Carpet Glue | Yellow Black | 95% Non-Fibrous Material |
| Chrysotile | 5 % | | | |
| **Total Asbestos** | **5%** | | | |

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Collected By: Jose Ortiz
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PO Number:
Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-210<br>210 | Building 27,28,29 - Room 28 at Floor | Carpet Glue | Black | 95% Non-Fibrous Material |
| Chrysotile | 5 % | | | |
| **Total Asbestos** | **5%** | | | |
| 989603-211<br>211 | Building 27,28,29 - Room 29 at Floor | Carpet Glue | Black | 95% Non-Fibrous Material |
| Chrysotile | 5 % | | | |
| **Total Asbestos** | **5%** | | | |
| 989603-212<br>212 | Building 27,28,29 - Room 27 | 12"x12" Vinyl Composition Tile | Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-212M<br>212 | Building 27,28,29 - Room 27 | Mastic | Yellow | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-213<br>213 | Building 27,28,29 - Room 27 | 12"x12" Vinyl Composition Tile | Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Claim Number: PO No: T6000779
PO Number:
Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-213M<br>213 | Building 27,28,29 - Room 27 | Mastic | Yellow | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-214<br>214 | Building 27,28,29 - Room 29 | 12"x12" Vinyl Composition Tile | Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-214M<br>214 | Building 27,28,29 - Room 29 | Mastic | Yellow | 95% Non-Fibrous Material<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-215<br>215 | Building 27,28,29 - Room 27 at Wall Base | 6" Cove Base | Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-215M<br>215 | Building 27,28,29 - Room 27 at Wall Base | Mastic | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-216<br>216 | Building 27,28,29 - Room 28 at Wall Base | 6" Cove Base | Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-216M<br>216 | Building 27,28,29 - Room 28 at Wall Base | Mastic | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-217<br>217 | Building 27,28,29 - Room 29 at Wall Base | 6" Cove Base | Blue | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-217M<br>217 | Building 27,28,29 - Room 29 at Wall Base | Mastic | Yellow | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-218<br>218 | Building 27,28,29 - Room 28 at Wall | Drywall | White | 91% Non-Fibrous Material<br>7% Cellulose<br>2% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989603-218A<br>218 | Building 27,28,29 - Room 28 at Wall | Joint Compound | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-218C<br>218 | Building 27,28,29 - Room 28 at Wall | Drywall and Joint Compound | White | 93% Non-Fibrous Material<br>5% Cellulose<br>2% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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PO Number:
Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-219<br>219 | Building 27,28,29 - Room 28 at Wall | Drywall | White | 91% Non-Fibrous Material<br>7% Cellulose<br>2% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989603-219A<br>219 | Building 27,28,29 - Room 28 at Wall | Joint Compound | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-219C<br>219 | Building 27,28,29 - Room 28 at Wall | Drywall and Joint Compound | White | 93% Non-Fibrous Material<br>5% Cellulose<br>2% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989603-220<br>220 | Building 27,28,29 - Room 28 at Wall | Drywall | White | 91% Non-Fibrous Material<br>7% Cellulose<br>2% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989603-220A<br>220 | Building 27,28,29 - Room 28 at Wall | Joint Compound | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-220C<br>220 | Building 27,28,29 - Room 28 at Wall | Drywall and Joint Compound | White | 93% Non-Fibrous Material<br>5% Cellulose<br>2% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989603-221<br>221 | Admin Building at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-221A<br>221 | Admin Building at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-222<br>222 | Admin Building at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-222A<br>222 | Admin Building at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-223<br>223 | Admin Building at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-223A<br>223 | Admin Building at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-224<br>224 | Admin Building at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-224A<br>224 | Admin Building at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-225<br>225 | Admin Building at Wall | Plaster | Grey | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-225A<br>225 | Admin Building at Wall | Skim Coat | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-226<br>226 | Admin Building at Ceiling | Acoustic Ceiling Texture | Beige | 95% Non-Fibrous Material |
| Chrysotile | 5 % | | | |
| **Total Asbestos** | **5%** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-227<br>227 | Admin Building at Ceiling | Acoustic Ceiling Texture | Beige | 95% Non-Fibrous Material |
| Chrysotile | 5 % | | | |
| **Total Asbestos** | **5%** | | | |
| 989603-228<br>228 | Admin Building at Ceiling | Acoustic Ceiling Texture | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-229<br>229 | Admin Building at Ceiling | Ceiling Tile | Brown | 95% Cellulose<br>5% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-230<br>230 | Admin Building at Ceiling | Ceiling Tile | Brown | 95% Cellulose<br>5% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-231<br>231 | Admin Building at Ceiling | Ceiling Tile | Brown | 95% Cellulose<br>5% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-232<br>232 | Admin Building at Wall Base | Cove Base 6" | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

Certificate of Analysis
**PLM Asbestos Identification**

tel - 858-654-5227
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SDLab@patriotlab.com
6640 Lusk Blvd., Suite A-100, San Diego, CA 92121

PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 989603
Project Number: OC164905
Project Name: Warner Middle School
Project Location: 14171 Newland Street
Westminster, CA 92683

Date Collected: 8/24/2023
Date Received: 8/28/2023
Date Analyzed: 8/28/2023
Date Reported: 8/30/2023

Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-232M<br>232 | Admin Building at Wall Base | Mastic | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-233<br>233 | Admin Building at Wall Base | Cove Base 6" | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-233M<br>233 | Admin Building at Wall Base | Mastic | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-234<br>234 | Admin Building at Wall Base | Cove Base 6" | Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-234M<br>234 | Admin Building at Wall Base | Mastic | White | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-235<br>235 | Admin Office Floor | Vinyl Sheet Flooring | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 396

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989603-235M<br>235 | Admin Office Floor | Adhesive | Yellow | 90% Non-Fibrous Material<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-236<br>236 | Admin Office Floor | Vinyl Sheet Flooring | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-236M<br>236 | Admin Office Floor | Adhesive | Yellow | 90% Non-Fibrous Material<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989603-237<br>237 | Admin Office Floor | Vinyl Sheet Flooring | Brown | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989603-237M<br>237 | Admin Office Floor | Adhesive | Yellow | 90% Non-Fibrous Material<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

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| | |
|---|---|
| Report Number: | 989603 |
| Project Number: | OC164905 |
| Project Name: | Warner Middle School |
| Project Location: | 14171 Newland Street<br>Westminster, CA 92683 |

| | | | |
|---|---|---|---|
| Date Collected: | 8/24/2023 | Collected By: | Jose Ortiz |
| Date Received: | 8/28/2023 | Claim Number: | PO No: T6000779 |
| Date Analyzed: | 8/28/2023 | PO Number: | |
| Date Reported: | 8/30/2023 | Number of Samples: | 396 |

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|

Daniel Brown - Analyst

Melanie Kuhne - Approved By

Bulk sample(s) submitted was (were) analyzed in accordance with the procedure outlined in the US Federal Register 40 CFR Appendix E to Subpart E of Part 763; EPA-600/R-93/116 (Method for Determination of Asbestos in Building Materials), and EPA-600/M4-82-020 (US EPA Interim Method for the Determination of Asbestos in Bulk Insulation Samples). Samples were analyzed using Calibrated Visual Estimations (CVES); therefore, results may not be reliable for samples of low asbestos concentration levels. Samples of wall systems containing discrete and separable layers are analyzed separately and reported as composite unless specifically requested by the customer to report analytical results for individual layers. This report applies only to the items tested. Results are representative of the samples submitted and may not represent the entire material from which the samples were collected. "None Detected" means that no asbestos was observed in the sample. "<1%" (less than one percent) or Trace means that asbestos was observed in the sample but the concentration is below the quantifiable level of 1%. This report was issued by a NIST/NVLAP (Lab Code 200982-0) accredited laboratory and may not be reproduced, except in full without the expressed written consent of Patriot Environmental Laboratory Services, Inc. This report may not be used to claim product certification, approval or endorsement by NIST, NVLAP, CA-ELAP or any government agency.

ASB_Rep_8.23

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( ) 48 HRS (X) 72 HRS

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PATRIOT
Environmental Laboratory Services, Inc.

## ASBESTOS FIELD BULK SAMPLE COC

**Project Name:** Warner Middle School **Project #:** OC164905

**Project Address:** 14171 Newland St **City:** Westminster **Zip:** 92683

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 1 | Bldng 1,2,3- room 1 at wall | Plasfer/SC | ✓ | | Good | 900 SF |
| 2 | Bldng 1,2,3- room 2 at wall | Plaster/ SC | ✓ | | Good | 900 SF |
| 3 | Bldng 1,2,3- room 3 at wall | Paster/SC | ✓ | | Good | 900 Sf |
| 4 | Bldng 1,2,3- room 1 @ wb | cove base and mastic | | ✓ | Good | 160 LF |
| 5 | Bldng 1,2,3- room 2 @ wb | cove base and mastic | | ✓ | Good | 120 LF |
| 6 | Bldng 1,2,3- room 3 @ wb | cove base and mastic | | ✓ | Good | 160 LF |
| 7 | Bldng 1,2,3- room 1 floor | carpet glue | | ✓ | Good | 900 SF |
| 8 | Bldng 1,2,3- room 2 floor | carpet glue | | ✓ | Good | 900 SF |
| 9 | Bldng 1,2,3- room 3 floor | carpet glue | | ✓ | Good | 900 SF |
| 10 | Bldng 1,2,3- room 1 ceilin | ceilin tile | | ✓ | Good | 900 |
| 11 | Bldng 1,2,3- room 2 ceilin | ceiling tile | | ✓ | Good | 900 |
| 12 | Bldng 1,2,3- room 3 ceilin | ceiling tile | | ✓ | Good | 900 |
| 13 | Bldng 1,2,3- boys BR @ wall | Plaster/ SC | ✓ | | Good | 300 SF |
| 14 | Bldng 1,2,3- boys BR @ wall | Plaster/ SC | ✓ | | Good | 300 SF |
| 15 | Bldng 1,2,3- boys BR @ wall | Plaster/ SC | ✓ | | Good | 300 SF |
| 16 | Bldng 4,5,6 -room 4 @ wall | Plaster/ SC | ✓ | | Good | 900 Sf |

Sampled/Relinquished-Print/Sign: Jose Ortiz Date: AUG 24 PM 2:09

Received/Relinquished-Print/Sign: Date: 8/24/23 Time: 2:09

Received-Print/Sign: Kathryn Medina ICM Date: 8/24/23 Time: 209

Melanie Kuhn 8/28/23 937

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Environmental Laboratory Services, Inc.

Project #: OC164905

## ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 17 | Bldng 4,5,6-room 5 @ wall | Plaster/sc | ✓ | | Good | 900 SF |
| 18 | Bldng 4,5,6-room 6 @ wall | Plaster/ SC | ✓ | | Good | 900 SF |
| 19 | Bldng 4,5,6- room 4 @ wb | cove base and mastic | | ✓ | Good | 130 LF |
| 20 | Bldng 4,5,6 room 5 @ wb | cove base and mastic | | ✓ | Good | 130 LF |
| 21 | Bldng 4,5,6 room 6 @ wb | cove base and mastic | | ✓ | Good | 180 LF |
| 22 | Bldng 4,5,6-room 4 flooring | carpet glue | | ✓ | Good | 900 SF |
| 23 | Bldng 4,5,6- room 5 flooring | carpet glue | | ✓ | Good | 900 SF |
| 24 | Bldng 4,5,6- room 6 flooring | carpet glue | | ✓ | Good | 900SF |
| 25 | Bldng 4,5,6-room 4 ceiling | ceiling tile | | ✓ | Good | 900 SF |
| 26 | Bldng 4,5,6-room 5 ceiling | ceiling tile | | ✓ | Good | 900 SF |
| 27 | Bldng 4,5,6-room 6 ceiling | ceiling tile | | ✓ | Good | 900 SF |
| 28 | Bldng 4,5,6 Janitors closet @ wall | Plaster/ SC | ✓ | | Good | 600 SF |
| 29 | Bldng 4,5,6 Janitors closet @ wall | Plaster/ SC | ✓ | | Good | 600 SF |
| 30 | Bldng 4,5,6 Janitors closet @ Wall | Plaster/ SC | ✓ | | Good | 600 SF |
| 31 | Bldng 4,5,6 classroom 6. flooring | VSF brown | | ✓ | Good | 200 SF |
| 32 | Bldng 4,5,6 -room classroom 6. flooring | VSF brown | | ✓ | Good | 200 SF |
| 33 | Bldng 4,5,6 classroom 6. flooring | VSF brown | | ✓ | Good | 200 SF |
| 34 | Bldng 1,2,3 room 1 flooring | VSF brown | | ✓ | Good | 200 SF |
| 35 | Bldng 1,2,3 room 1 flooring | VSF brown | | ✓ | Good | 200 SF |
| 36 | Bldng 1,2,3 -room 1 flooring | VSF brown | | ✓ | Good | 200 SF |

| | | |
|---|---|---|
| Sampled/Relinquished-Print/Sign: | Jose Ortiz | Date: 8/24/23 Time: |
| Received/Relinquished-Print/Sign: | | Date: Time: |
| Received-Print/Sign: | Kathryn Medina KM | Date: 8.24.23 Time: 2:09 |
| | Melanie Kuhn | 8/28/23 937 |



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Project #: OC164905

## ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 37 | Bldng 4,5,6,- room 6 flooring | 12x12 light blu f- tile/mast | | ✓ | Good | 900SF |
| 38 | Bldng 4,5,6,- room 6 flooring | 12x12 light blu f- tile/mast | | ✓ | Good | 900SF |
| 39 | Bldng 4,5,6,- room 6 flooring | 12x12 light blu f- tile/mast | | ✓ | Good | 900SF |
| 40 | Bldng 7,8,9- room 7 @ wall | Plaster/ SC | ✓ | | Good | 800 SF |
| 41 | Bldng 7,8,9- room 8 @ wall | Plaster/ SC | ✓ | | Good | 800 SF |
| 42 | Bldng 7,8,9- room 9 @ wall | Plaster/ SC | ✓ | | Good | 800 SF |
| 43 | Bldng 7,8,9-room 7 @ WB | cove base and mastic | | ✓ | Good | 130SF |
| 44 | Bldng 7,8,9- room 8 @ WB | cove base and mastic | | ✓ | Good | 130 SF |
| 45 | Bldng 7,8,9-room 9 @ WB | cove base and mastic | | ✓ | Good | 130 SF |
| 46 | Bldng 7,8,9-room 8 flooring | carpet glue | | ✓ | Good | 800 SF |
| 47 | Bldng 7,8,9- room 8 flooring | carpet glue | | ✓ | Good | 800 SF |
| 48 | Bldng 7,8,9- room 9 flooring | carpet glue | | ✓ | Good | 800 SF |
| 49 | Bldng 7,8,9- room 7 ceiling | Ceining tile | | ✓ | Good | 900 SF |
| 50 | Bldng 7,8,9- room 8 ceiling | Ceiling tile | | ✓ | Good | 900 SF |
| 51 | Bldng 7,8,9- room 9 ceiling | Ceiling tile | | ✓ | Good | 900 SF |
| 52 | Bldng 7,8,9-room 7 flooring classroom 7 flooring | 12x12 light blu f- tile/mast | | ✓ | Good | 900 SF |
| 53 | Bldng 7,8,9-room 7 flooring classroom 7. flooring | 12x12 light blu f- tile/mast | | ✓ | Good | 900 SF |
| 54 | Bldng 7,8,9-room 7 flooring classroom 7. flooring | 12x12 light blu f- tile/mast | | ✓ | Good | 900 SF |
| 55 | Bldng 7,8,9,room 9 floor | VSF brown | | ✓ | Good | 240 SF |
| 56 | Bldng 7,8,9 room 9 floor | VSF brown | | ✓ | Good | 240 SF |

| | | |
|---|---|---|
| Sampled/Relinquished-Print/Sign: | Joe ortiz | Date: 8/24/23 Time: |
| Received/Relinquished-Print/Sign: | | Date: Time: |
| Received-Print/Sign: | Kathryn Medina KM<br>Melanie Kuhne ML | Date: 8/24/23 Time: 2041<br>8/28/23 937 |

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Project #: OC164905

## ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 57 | Bldng 7,8,9 room 9 floor | VSF brown | | ✓ | Good | 240 SF |
| 58 | Bldng 7,8,9 girls bath @ wall | Plaster, S/C | ✓ | | Good | 450 SF |
| 59 | Bldng 7,8,9 girls bath @ wall | Plaster, S/C | ✓ | | Good | 450 SF |
| 60 | Bldng 7,8,9 girls bath @ wall | Plaster, S/C | ✓ | | Good | 450 SF |
| 61 | Bldng 10,11,12 - Room 10 at wall | Plaster, S/C | ✓ | | Good | 900SF |
| 62 | Bldng 10,11,12 - Room 11 at wall | Plaster, S/C | ✓ | | Good | 900SF |
| 63 | Bldng 10,11,12 - Room 12 at wall | Plaster/SC | ✓ | | Good | 900SF |
| 64 | Bldng 10,11,12 Room 10 at Wall Base | Cove Base/mastic | | ✓ | Good | 130LF |
| 65 | Bldg 10,11,12 Room 11 at Wall Base | Cove Base & mastic | | ✓ | Good | 130LF |
| 66 | Bldg 10,11,12 Room 12 at Wall Base | Cove Base & mastic | | ✓ | Good | 160 LF |
| 67 | Bldg 10,11,12 - Room 10 Flooring | Carpet Glue | | ✓ | Good | 900SF |
| 68 | Bldg 10,11,12 - Room 11 Flooring | Carpet Glue | | ✓ | Good | 900 SF |
| 69 | Bldg 10,11,12 - Room 12 Flooring | Carpet Glue | | ✓ | Good | 900 SF |
| 70 | Bldg 10,11,12 - Room 10 at Ceiling | Ceiling tile | | ✓ | Good | 900 sf |
| 71 | Bldg 10,11,12 - Room 11 at Ceiling | Ceiling tile | | ✓ | Good | 900 S |
| 72 | Bldg 10,11,12 - Room 12 at Ceiling | Ceiling tile | | ✓ | Good | 900 SF |
| 73 | Bldng 10,11,12 - mechanical Room at wall | Plaster/SC | ✓ | | Good | 500 SF |
| 74 | Bldng 10,11,12 - Mechanical Room at wall | Plaster/SC | ✓ | | Good | 500 SF |
| 75 | Bldng 10,11,12 mechanical Room at wall | Plaster/SC | ✓ | | Good | 500 SF |
| 76 | Bldng 10,11,12 mechanical Room pipes | TSI | ✓ | | Damage 10% | 200LF |

| | | |
|---|---|---|
| Sampled/Relinquished-Print/Sign: Jose Ortiz | Date: 8/24/23 | Time: |
| Received/Relinquished-Print/Sign: | Date: | Time: |
| Received-Print/Sign: Kathryn Medina KM Melanie Kuhn | Date: 8/24/23 8/28/23 | Time: 2091 937 |

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PATRIOT Environmental Laboratory Services, Inc.

Project #: OC164905

## ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 77 | Bldng 10,11,12 Mechanical Room Pipes | TSI | ✓ | | Damage 10% | 200LF |
| 78 | Bldng 10,11,12 Mechanical room Pipes | TSI | ✓ | | Damage 10% | 200LF |
| 79 | Bldng 13,14,15,16 - Room 13 at wall | Plaster/SC | ✓ | | Good | 1,800 |
| 80 | Bldng 13,14,15,16 - Room 14 at wall | Plaster/SC | ✓ | | Good | 1,800 |
| 81 | Bldng 13,14,15,16 - Room 15 at wall | Plaster/SC | ✓ | | Good | 1,800 |
| 82 | Bldng 13,14,15,16 - Room 16 at wall | Plaster/SC | ✓ | | Good | 1,800 |
| 83 | Bldng 13,14,15,16 - Room 13 at wall Base | Cove Base/mastic | | ✓ | Good | 400LF |
| 84 | Bldng 13,14,15,16 Rooms 13, at wall Base | Cove Base/mastic | | ✓ | Good | 400LF |
| 85 | Bldng 13,14,15,16 Room 15 at wall Base | Cove Base/mastic | | ✓ | Good | 400LF |
| 86 | Bldng, 13,14,15,16, Room 13 at Ceiling | Ceiling Tile | | ✓ | 5% Damage | 900 SF |
| 87 | Bldng 13,14,15,16 - Room 14 at Ceiling | Ceiling Tile | | ✓ | 5% Damage | 900 SF |
| 88 | Bldng 13,14,15,16 Room 16 at Ceiling | Ceiling Tile | | ✓ | Good | 900 SF |
| 89 | Bldng 13,14,15,16 Room 13 - Flooring | Carpet Glue | | ✓ | Good | 900 SF |
| 90 | Bldng 13,14,15,16 Room 14 Flooring | Carpet Glue | | ✓ | Good | 900 SF |
| 91 | Bldng 13,14,15,16 Room 16 Flooring | Carpet Glue | | ✓ | Good | 900 SF |
| 92 | Bldng 13,14,15,16 Room - 16 | Drywall/SC | ✓ | | Good | 400 SF |
| 93 | Bldng 13,14,15,16 Room - 16 | Drywall/SC | ✓ | | Good | 400SF |
| 94 | Bldng 13,14,15,16 Room - 16 | Drywall/SC | ✓ | | Good | 400 SF |
| 95 | Bldng 13,14,15,16 Room - 14 | Plaster/SC | ✓ | | Good | 1,800 SF |
| 96 | Boys and Girls, Locker room Storage/med Room at wall | Plaster/SC | ✓ | | Good | 6000 SF |

Sampled/Relinquished-Print/Sign: Joe M Ortiz — Date: 8/24/23 Time:

Received/Relinquished-Print/Sign: — Date: Time:

Received-Print/Sign: Kathryn Medina KM — Date: 8/24/23 Time: 2041

Melanie Kuhn — 8/25/23 937



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**Turn Around Time:**
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( ) 48 HRS ( ) 72 HRS

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## ASBESTOS FIELD BULK SAMPLE COC

**Project Name:** Warner MS **Project #:** OC164905

**Project Address:** 14171 Newland St **City:** Westminster **Zip:** 92683

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 97 | Boys & Girls Locker room at wall | Plaster/SC | ✓ | | Good | 6000 |
| 98 | Boys & girls Locker Room at wall | Plaster/SC | ✓ | | Good | 6000 |
| 99 | Boys & girls Locker room at wall | Plaster/SC | ✓ | | Good | 6000 |
| 10 | Boys & girls Locker room at wall | Plaster/SC | ✓ | | Good | 6000 |
| 101 | Boys & girls Locker room at wall | Plaster/SC | ✓ | | Good | 6000 |
| 102 | Boys & girls Locker room at wall | Plaster/SC | ✓ | | Good | 6000 |
| 103 | Boys and girls Locker room Storge/mechanical room Pipes | TSI 4" pipe | ✓ | | 10% Damage | 10 LF |
| 104 | " " " | TSI 4" pipe | ✓ | | 10% Damage | 10 LF |
| 105 | " " " | TSI 4" pipe | ✓ | | 10% Damage | 10 LF |
| 106 | Boys and girls Locker room Storage room/mechanical/HVAC | Duct Wrapping | ✓ | | 3% Damage | 50 SF |
| 107 | Duct wrapping " " " | Duct Wrappin | ✓ | | 3% Damg | 50 SF |
| 108 | " " " | Duct Wrapping | ✓ | | 3% Damage | 50 SF |
| 109 | Boys & girls Locker room Floor | 12X12" VCT Tile White w/ gray | | ✓ | Good | 240 SF |
| 110 | Boys & Girls Locker room Floor | 12X12 VCT Tile White w/gray | | ✓ | Good | 240 SF |
| 111 | Boys & girls Locker room Floor | 12X12 VCT Tile White w/ gray | | ✓ | Good | 240 SF |
| 112 | Boys & girls Locker Room at wall Base | Cove Base 6" gray | | ✓ | Good | 280 LF |

Sampled/Relinquished-Print/Sign: Jose Ortiz Date: 8/24/23 Time:

Received/Relinquished-Print/Sign: Date: Time:

Received-Print/Sign: Kathryn Medina KM Date: 8/24/23 Time: 209

Melanie Kuhnz 8/28/23 937

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PATRIOT Environmental Laboratory Services, Inc.

Project #: _____

## ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 113 | Boys and girls Locker room at Wall Base | Cove Base 6" gray | | ✓ | Good | 280 LF |
| 114 | Boys and girls Locker room at Wall Base | Cove Base 6" gray | | ✓ | Good | 280 LF |
| 115 | Boys & Girls Locker Room at Ceiling | Ceiling tile 12"x12" | | ✓ | 5% Damage | 500 SF |
| 116 | Boys and girls Locker room at Ceiling | Ceiling tile 12"x12" | | ✓ | 5% Damage | 500 SF |
| 117 | Boys and girls Locker room at Ceiling | Ceiling tile 12"x12" | | ✓ | 5% Damage | 500 SF |
| 118 | Boys and girls Locker room at Ceiling | Ceiling tile mastic | | ✓ | 5% Damage | 500 SF |
| 119 | Boys and girls Locker room at Ceiling | Ceiling tile mastic | | ✓ | 5% Damage | 500 SF |
| 120 | Boys and girls Locker room at Ceiling | Ceiling tile mastic | | ✓ | 5% Damage | 500 SF |
| 121 | Boys & Girls Locker Room at Floor | 9x9 Floor tile and mastic, Brown | | ✓ | 5% Damage | 500 SF |
| 122 | Boys & girls Locker Room at Floor | 9x9 Floor tile and mastic Brown | | ✓ | 5% Damage | 500 SF |
| 123 | Boys & girls Locker Room at floor | 9x9 Floor tile and mastic Brown | | ✓ | 5% Damage | 500 SF |
| 124 | Bldng 26A, 26B, 26C Room 26C at wall | Plaster/SC | ✓ | | Good | 2000 SF |
| 125 | Bldng 26A, 26B, 26C Room 26B at wall | Plaster/SC | ✓ | | Good | 2000 SF |
| 126 | Bldng 26A, 26B, 26C Room 26A at wall | Plaster/SC | ✓ | | Good | 2000 SF |
| 127 | Bldng 26A, 26B, 26C mechanical Room at wall | Plaster/SC | ✓ | | Good | 2000 SF |
| 128 | Bldng 26A, 26B, 26C office at wall | Plaster/SC | ✓ | | Good | 2000 SF |
| 129 | Bldng 26A, 26B, 26C mechanical Room | TSI, 4" pipe | ✓ | | Good | 80 LF |
| 130 | 11 11 11 | TSI, 4" pipe | ✓ | | Good | 80 LF |
| 131 | 11 11 11 | TSI, 4" pipe | ✓ | | Good | 80 LF |
| 132 | Bldng 26A, 26B, 26C office flooring | 12"x12" VCT tile/mastic Blue | | ✓ | Good | 160 SF |

| | | | |
|---|---|---|---|
| Sampled/Relinquished-Print/Sign: | Jose Ortiz | Date: 8/24/23 | Time: |
| Received/Relinquished-Print/Sign: | | Date: | Time: |
| Received-Print/Sign: | Kathryn Medina KM<br>Melanie Kuhn | Date: 8/24/23 | Time: 209 |



Asbestos Bulk Sample COC Rev 1.3.23

8/28/23 937

Lab Use Only: 984603

**Turn Around Time:**
( ) ERS ( ) 24 HRS
( ) 48 HRS ( ) 72 HRS

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Environmental Laboratory Services, Inc.

## ASBESTOS FIELD BULK SAMPLE COC

**Project Name:** Warner MS **Project #:** OC164905

**Project Address:** 14171 Newland St **City:** Westminster **Zip:** 92683

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 133 | Bldng 26A, 26B, 26C office Floor | 12"x12" VCT Floor tile and mastic, Blue | | ✓ | Good | 160 SF |
| 134 | Bldng 26A, 26B, 26C office Floor | 12"x12" VCT Floor tile and mastic, Blue | | ✓ | Good | 160 SF |
| 135 | Bldng 26A, 26B, 26C Room 26A ~~Cove~~ at Wall Base | Cove Base / mastic 6" Blue | | ✓ | Good | 130 LF |
| 136 | Bldng 26A, 26B, 26C Room 26B at Wall Base | Cove Base / mastic 6" Gray | | ✓ | Good | 130 LF |
| 137 | Bldng 26A, 26B, 26C Room 26C at Wall Base | Cove Base / mastic 6" Black | | ✓ | Good | 130 LF |
| 138 | Bldng 26A, 26B, 26C Room 26A at Ceiling | Ceiling tile. | | ✓ | Good | 900 SF |
| 139 | Bldng 26A, 26B, 26C Room 26B at Ceiling | Ceiling tile | | ✓ | Good | 900 SF |
| 140 | Bldng 26A, 26B, 26C Room 26C at Ceiling | Ceiling tile | | ✓ | Good | 900 SF |
| 141 | Bldng 26A, 26B, 26C Room 26A Floor | Carpet Glue | | ✓ | Good | 900 SF |
| 142 | Bldng 26A, 26B, 26C Room 26B Floor | Carpet Glue | | ✓ | Good | 900 SF |
| 143 | Bldng 26A, 26B, 26C Room 26C Floor | Carpet Glue | | ✓ | Good | 2000 |
| 144 | Bldng 23, 24, 25 Room 23 at wall | Plaster / SC | ✓ | | Good | 2000 |
| 145 | Bldng 23, 24, 25 Room 24 at wall | Plaster / SC | ✓ | | Good | 2000 |
| 146 | ~~Bldng~~ 23, 24, 25 Room 25 at wall | Plaster / SC | ✓ | | Good | 2000 |
| 147 | ~~Bldng~~ 23, 24, 25 Boys Restroom, at wall | Plaster / SC | ✓ | | Good | 2000 |
| 148 | Bldng 23, 24, 25 Room 25A, at wall | Plaster / SC | ✓ | | Good | 2000 |

Sampled/Relinquished-Print/Sign: Jose Ortiz — Date: 8/24/23 Time:

Received/Relinquished-Print/Sign: — Date: / Time:

Received-Print/Sign: Kathryn Medina KM — Date: 8/24/23 Time: 209

Melanie Kuhn — 8/28/23 937

Lab Use Only: 989603

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5830B Hannum Avenue, Culver City, CA 90230

PATRIOT Environmental Laboratory Services, Inc.

Project #: OC164905

# ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 149 | Bldng 23,24,25 Room 25A Flooring | SVF and mastic Brown | | ✓ | Good | 140 SF |
| 150 | " " " | SVF and mastic Brown | | ✓ | Good | 140 SF |
| 151 | " " " | SVF and mastic Brown | | ✓ | Good | 140 SF |
| 152 | Bldng 23,24,25 Room 23 at Ceiling | Ceiling tile 12"x12" | | ✓ | Good | 900 SF |
| 153 | Bldng 23,24,25 Room 24 at Ceiling | Ceiling tile 12"x12" | | ✓ | Good | 900 SF |
| 154 | Bldng 23,24,25 Room 25 at Ceiling | Ceiling tile 12"x12" | | ✓ | Good | 900 SF |
| 155 | Bldng 23,24,25 Room 23 Flooring | Carpet Glue | | ✓ | Good | 900 SF |
| 156 | Bldng 23,24,25 Room 24 Flooring | Carpet Glue | | ✓ | Good | 900 SF |
| 157 | Bldng 23,24,25 Room 25 Flooring | Carpet Glue | | ✓ | Good | 900 SF |
| 158 | Bldng 23,24,25 Room 23 at wall Base | Cove Base/mastic Black 6" | | ✓ | Good | 130 LF |
| 159 | Bldng 23,24,25 Room 24 at wall Base | Cove Base/mastic Black 6" | | ✓ | Good | 130 LF |
| 160 | Bldng 23,24,25 Room 25 at wall Base | Cove Base/mastic Black 6" | | ✓ | Good | 130 LF |
| 161 | Bldng 20,21,22 Room 20 at wall | Plaster / SC | ✓ | | Good | 2000 |
| 162 | Bldng 20,21,22 Room 21 at wall | Plaster / SC | ✓ | | Good | 2000 |
| 163 | Bldng 20,21,22 Room 22 at wall | Plaster/SC | ✓ | | Good | 2000 |
| 164 | Bldng 20,21,22 Boiler room / Storage | Plaster / SC | ✓ | | Good | 2000 |
| 165 | Bldng 20,21,22 Room 22 office | Plaster/SC | ✓ | | Good | 2000 |
| 166 | Bldng 20,21,22, Room 22 and Room 22 office, under carpet | 12"x12" VCT tile & mastic Light Blue w/white | | ✓ | Good | 1000 SF |
| 167 | " " " | " " " | | ✓ | Good | 1000 SF |
| 168 | " " " | " " " | | ✓ | Good | 1000 SF |

| | | | |
|---|---|---|---|
| Sampled/Relinquished-Print/Sign: | Jose Ortiz [signature] | Date: 8/24/23 | Time: |
| Received/Relinquished-Print/Sign: | | Date: | Time: |
| Received-Print/Sign: | Kathryn Medina KM | Date: 8/24/23 | Time: 209 |

Melanie Kuhne



8/28/23 937

Lab Use Only: 989603

**Turn Around Time:**
( ) ERS ( ) 24 HRS
( ) 48 HRS ( ) 72 HRS

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5830B Hannum Avenue, Culver City, CA 90230

PATRIOT
Environmental Laboratory Services, Inc.

## ASBESTOS FIELD BULK SAMPLE COC

**Project Name:** Warner MS **Project #:** OC164905

**Project Address:** 14171 Newland St **City:** Westminster **Zip:** 92683

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 169 | Bldng 20,21,22 Room 20 at Ceiling | Ceiling tile | | ✓ | Good | 900 SF |
| 170 | Bldng 20,21,22 Room 21 at Ceiling | Ceiling tile | | ✓ | Good | 900 SF |
| 171 | Bldng 20,21,22 Room 22 at ceiling | Ceiling tile | | ✓ | Good | 900 SF |
| 172 | Bldng 20,21,22 Room 20 at wall Base | Cove Base & mastic | | ✓ | Good | 130 LF |
| 173 | Bldng 20,21,22 Room 21 at wall Base | Cove Base & mastic | | ✓ | Good | 130 LF |
| 174 | Bldng 20,21,22 Room 22 at wall Base | Cove Base & mastic | | ✓ | Good | 130 LF |
| 175 | Bldng 20,21,22 Room 20 at Floor | Carpet Blue | | ✓ | Good | 900 SF |
| 176 | Bldng 20,21,22 Room 21 at floor | Carpet Blue | | ✓ | Good | 900 SF |
| 177 | Bldng 20,21,22 Room 22 | Carpet Blue | | ✓ | Good | 900 SF |
| 178 | Bldng 20,21,22 Room 22 Floor By sink | 12"X12" VCT Tile/mastic Blue | | ✓ | Good | 70 SF |
| 179 | " " " | 12"X12" VCT Tile & mastic Blue | | ✓ | Good | 70 SF |
| 180 | " " " | 12"X12" VCT Tile & mastic Blue | | ✓ | Good | 70 SF |
| 181 | Bldng 17,18,19 Room 17 at wall | Plaster & Sc | ✓ | | Good | 2000 SF |
| 182 | Bldng 17,18,19 Room 17 office at wall | Plaster & Sc | ✓ | | Good | 2000 SF |
| 183 | Bldng 17,18,19 Room 18 at wall | Plaster & Sc | ✓ | | Good | 2000 SF |
| 184 | Bldng 17,18,19 Room 19 at wall | Plaster & Sc | ✓ | | Good | 2000 SF |

Sampled/Relinquished-Print/Sign: Jose Ortiz Date: 8/24/23 Time:

Received/Relinquished-Print/Sign: Date: Time:

Received-Print/Sign: Kathryn Medina KM Date: 8/24/23 Time: 209

Melanie Kuhne Page 10 of 13 8/28/23 937

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PATRIOT Environmental Laboratory Services, Inc.

Project #: OC164905

## ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 185 | Bldg 17,18,19 Girls Bath at wall | Plaster & SC | ✓ | | Good | 2000 SF |
| 186 | Bldg 17,18,19, Room 17-office Room 17-Flooring | 12"x12" VCT tile and mastic grey with white mix | | ✓ | Good | 1000 SF |
| 187 | " " " | " " " | | ✓ | Good | 1000 SF |
| 188 | " " " | " " " | | ✓ | Good | 1000 SF |
| 189 | Bldg 17,18,19 Room 18 - Flooring | 12"x12" VCT tile and mastic Blue | | ✓ | Good | 900 SF |
| 190 | " " " | " " " | | ✓ | Good | 900 SF |
| 191 | " " " | " " " | | ✓ | Good | 900 SF |
| 192 | Bldg 17,18,19 Room 17 at wall Base | 6" Cove Base & mastic | | ✓ | Good | 130 LF |
| 193 | Room 17,18,19 Room 18 at wall Base | 6" Cove Base & mastic | | ✓ | Good | 130 LF |
| 194 | Room 17,18,19 Room 19 at Wall Base | 6" Cove Base & mastic | | ✓ | Good | 130 LF |
| 195 | Bldg 17,18,19 Room 18 at floor | Carpet Glue | | ✓ | Good | 20 SF |
| 196 | Bldg 17,18,19 Room 19 Floor | Carpet Glue | | ✓ | Good | 900 |
| 197 | Bldg 17,18,19 Room 19 Floor | Carpet Glue | | ✓ | Good | 900 |
| 198 | Bldg 17,18,19 Room 17 - Ceiling | Ceiling Tile | | ✓ | Good | 900 |
| 199 | Bldg 17,18,19 Room 18 Ceiling | Ceiling tile | | ✓ | Good | 900 |
| 200 | Bldg 17,18,19 Room 19 Ceiling | Ceiling tile | | ✓ | Good | 900 |
| 201 | Bldg 27,28,29 Room 27 at wall | Plaster & SC | ✓ | | Good | 2000 |
| 202 | Bldg 27,28,29 Room 27 at wall | Plaster & SC | ✓ | | Good | 2000 |
| 203 | Bldg 27,28,29 Room 27 at wall | Plaster & SC | ✓ | | Good | 2000 |
| 204 | Bldg 27,28,29 Room 28 at wall | Plaster & SC | ✓ | | Good | 2000 |

| | | |
|---|---|---|
| Sampled/Relinquished-Print/Sign: Joe Ortiz | Date: 8/24/23 | Time: |
| Received/Relinquished-Print/Sign: | Date: | Time: |
| Received-Print/Sign: Kathryn Medina KM | Date: 8/24/23 | Time: 2001 |
| Melanie Kuhn | 8/28/23 | 937 |

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PATRIOT Environmental Laboratory Services, Inc.

Project #: OC164905

# ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 205 | Bldng 27,28,29 Room 29 at wall | Plaster ∅ SC | ✓ | | Good | 2000 SF |
| 206 | Bldng 27,28,29 Room 27 at Ceiling | Ceiling tile | | ✓ | Good | 1000 |
| 207 | Bldng 27,28,29 Room 28 at Ceiling | Ceiling tile | | ✓ | Good | 600 |
| 208 | Bldng 27,28,29 Room 29 at Ceiling | Ceiling tile | | ✓ | Good | 600 |
| 209 | Bldng 27,28,29 Room 27@Floor | Carpet Glue | | ✓ | Good | 900 |
| 210 | Bldng 27,28,29 Room 28@Floor | Carpet Glue | | ✓ | Good | 900 |
| 211 | Bldng 27,28,29 Room 29 at Floor | Carpet Glue | | ✓ | Good | 900 |
| 212 | Bldng 27,28 29 Room 27 | 12X12 VCT tile and mastic Blue | | ✓ | Good | 600 SF |
| 213 | Bldng 27,28,29 Room 27 | 12"X12" VCT tile and mastic Blue | | ✓ | Good | 600 SF |
| 214 | Bldng 27,28,29 Room 29 | 12X12 VCT tile and mastic Blue | | ✓ | Good | 80 SF |
| 215 | Bldng 27,28,29 Room 27 at wall Base | 6" Blue Cove Base and mastic | | ✓ | Good | 200LF |
| 216 | Bldng 27,28,29 Room 28 at wall Base | 6" Blue Cove Base and mastic | | ✓ | Good | 130LF |
| 217 | Bldng 27,28,29 Room 29 at wall Base | 6" Blue Cove Base and mastic | | ✓ | Good | 130LF |
| 218 | Bldng 27,28,29 Room 28 at wall | Drywall ∅ J/C | ✓ | | Good | 500 SF |
| 219 | Bldng 27,28,29 Room 28 at wall | Drywall ∅ JC | ✓ | | Good | 500 SF |
| 220 | Bldng 27,28,29 Room 28 at wall | Drywall ∅ JC | ✓ | | Good | 500 SF |
| 221 | Admin Bldng at wall | Plaster ∅ SC | ✓ | | Good | 2500 |
| 222 | Admin Bldng at wall | Plaster ∅ SC | ✓ | | Good | 2500 |
| 223 | Admin Bldng at wall | Plaster ∅ SC | ✓ | | Good | 2500 |
| 224 | Admin Bldng at wall | Plaster ∅ SC | ✓ | | Good | 2500 |

| | | | |
|---|---|---|---|
| Sampled/Relinquished-Print/Sign: Joe Ortiz [signature] | Date: 8/24/23 | Time: | |
| Received/Relinquished-Print/Sign: | Date: | Time: | |
| Received-Print/Sign: Kathryn Medina KM | Date: 8/24/23 | Time: 209 | |
| Melanie Kuhn | 8/28/23 | 937 | |

 MK

Asbestos Bulk Sample COC Rev 1.3.23

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PATRIOT Environmental Laboratory Services, Inc.

Project #: OC 164905

## ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 225 | Admin Bldng At Wall | Plaster & SC | ✓ | | Good | 2500 SF |
| 226 | Admin Bldng At Ceiling | Acoustic Ceiling Texture | ✓ | | Good | 500 SF |
| 227 | Admin Bldg At Ceiling | Acoustic Ceiling Texture | ✓ | | Good | 500 SF |
| 228 | Admin Bldg At Ceiling | Acoustic Ceiling Texture | ✓ | | Good | 500SF |
| 229 | Admin Bldg At Ceiling | Ceiling t+G | | ✓ | Good | 4000 SF |
| 230 | Admin Bldg At Ceiling | Ceiling t+G | | ✓ | Good | 4000 SF |
| 231 | Admin Bldg At Ceiling | Ceiling t+G | | ✓ | Good | 4000 SF |
| 232 | Admin Bldg at Wall Base | Cove Base 6" | | ✓ | Good | 800 LF |
| 233 | Admin Bldg At Wall Base | Cove Base 6" | | ✓ | Good | 800 LF |
| 234 | Admin Bldg At Wall Base | Cove Base 6" | | ✓ | Good | 800 LF |
| 235 | Admin office Floor | Brown VSF w/ Yellow ADH | | ✓ | Good | 4000 SF |
| 236 | Admin office Floor | Brown VSF w/ Yellow ADH | | ✓ | Good | 4000 SF |
| 237 | Admin office Floor | Brown VSF w/ Yellow ADH | | ✓ | Good | 4000 SF |
| 238 | | | | | | |
| 239 | | | | | | |
| 240 | | | | | | |
| 241 | | | | | | |
| 242 | | | | | | |
| 243 | | | | | | |
| 244 | | | | | | |

| | | |
|---|---|---|
| Sampled/Relinquished-Print/Sign: | Jose Ortiz | Date: 8/24/23 Time: |
| Received/Relinquished-Print/Sign: | | Date: Time: |
| Received-Print/Sign: | Kathryn Medina KM | Date: 8.24.23 Time: 209 |

Melanie Kuhn 8/28/23 937

Certificate of Analysis
**PLM Asbestos Identification**

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PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 989983
Project Number: OC164905
Project Name: Warner Middle School
Project Location: 14171 Newland Street
Westminster, 92683

Date Collected: 8/28/2023
Date Received: 8/29/2023
Date Analyzed: 9/5/2023
Date Reported: 9/7/2023

Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-001<br>238 | Building 4 5 6 at Attic Space | Thermal Systems Insulation | White | 75% Non-Fibrous Material |
| Chrysotile 10 % | | | | |
| Amosite 15 % | | | | |
| **Total Asbestos 25 %** | | | | |
| 989983-002<br>239 | Building 4 5 6 at Attic Space | Thermal Systems Insulation | White | 75% Non-Fibrous Material |
| Chrysotile 10 % | | | | |
| Amosite 15 % | | | | |
| **Total Asbestos 25 %** | | | | |
| 989983-003<br>240 | Building 4 5 6 at Attic Space | Thermal Systems Insulation | White | 75% Non-Fibrous Material |
| Chrysotile 10 % | | | | |
| Amosite 15 % | | | | |
| **Total Asbestos 25 %** | | | | |
| 989983-004<br>241 | Buidling 15 13 14 16 at Attic | Thermal Systems Insulation | White | 75% Non-Fibrous Material |
| Chrysotile 10 % | | | | |
| Amosite 15 % | | | | |
| **Total Asbestos 25 %** | | | | |

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Date Reported: 9/7/2023

Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-005<br>242 | Buidling 15 13 14 16 at Attic | Thermal Systems Insulation | White | 75% Non-Fibrous Material |
| Chrysotile | 10 % | | | |
| Amosite | 15 % | | | |
| **Total Asbestos** | **25 %** | | | |
| 989983-006<br>243 | Buidling 15 13 14 16 at Attic | Thermal Systems Insulation | White | 75% Non-Fibrous Material |
| Chrysotile | 10 % | | | |
| Amosite | 15 % | | | |
| **Total Asbestos** | **25 %** | | | |
| 989983-007<br>244 | Building 1 2 3 at Attic | Thermal Systems Insulation | White | 75% Non-Fibrous Material |
| Chrysotile | 10 % | | | |
| Amosite | 15 % | | | |
| **Total Asbestos** | **25 %** | | | |
| 989983-008<br>245 | Building 1 2 3 at Attic | Thermal Systems Insulation | White | 75% Non-Fibrous Material |
| Chrysotile | 10 % | | | |
| Amosite | 15 % | | | |
| **Total Asbestos** | **25 %** | | | |

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Westminster School District
Brian Johnson
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Westminster, CA 92683

Report Number: 989983
Project Number: OC164905
Project Name: Warner Middle School
Project Location: 14171 Newland Street
Westminster, 92683

Date Collected: 8/28/2023
Date Received: 8/29/2023
Date Analyzed: 9/5/2023
Date Reported: 9/7/2023

Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-009<br>246 | Building 1 2 3 at Attic | Thermal Systems Insulation | White | 75% Non-Fibrous Material |
| Chrysotile | 10 % | | | |
| Amosite | 15 % | | | |
| **Total Asbestos** | **25 %** | | | |
| 989983-010<br>247 | Building 10 11 12 at Attic | Thermal Systems Insulation | White | 75% Non-Fibrous Material |
| Chrysotile | 10 % | | | |
| Amosite | 15 % | | | |
| **Total Asbestos** | **25 %** | | | |
| 989983-011<br>248 | Building 10 11 12 at Attic | Thermal Systems Insulation | White | 75% Non-Fibrous Material |
| Chrysotile | 10 % | | | |
| Amosite | 15 % | | | |
| **Total Asbestos** | **25 %** | | | |
| 989983-012<br>249 | Building 10 11 12 at Attic | Thermal Systems Insulation | White | 75% Non-Fibrous Material |
| Chrysotile | 10 % | | | |
| Amosite | 15 % | | | |
| **Total Asbestos** | **25 %** | | | |

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Project Number: OC164905
Project Name: Warner Middle School
Project Location: 14171 Newland Street
Westminster, 92683

Date Collected: 8/28/2023
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Date Analyzed: 9/5/2023
Date Reported: 9/7/2023

Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-013<br>250 | Buidling 7 8 9 at Attic | Thermal Systems Insulation | White | 75% Non-Fibrous Material |
| Chrysotile | 10 % | | | |
| Amosite | 15 % | | | |
| **Total Asbestos** | **25 %** | | | |
| 989983-014<br>251 | Buidling 7 8 9 at Attic | Thermal Systems Insulation | White | 75% Non-Fibrous Material |
| Chrysotile | 10 % | | | |
| Amosite | 15 % | | | |
| **Total Asbestos** | **25 %** | | | |
| 989983-015<br>252 | Buidling 7 8 9 at Attic | Thermal Systems Insulation | White | 75% Non-Fibrous Material |
| Chrysotile | 10 % | | | |
| Amosite | 15 % | | | |
| **Total Asbestos** | **25 %** | | | |
| 989983-016<br>253 | Admin Building Attic | Thermal Systems Insulation Elbow | White | 75% Non-Fibrous Material |
| Chrysotile | 10 % | | | |
| Amosite | 15 % | | | |
| **Total Asbestos** | **25 %** | | | |

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Project Name: Warner Middle School
Project Location: 14171 Newland Street
Westminster, 92683

Date Collected: 8/28/2023
Date Received: 8/29/2023
Date Analyzed: 9/5/2023
Date Reported: 9/7/2023

Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-017<br>254 | Admin Building Attic | Thermal Systems<br>Insulation Elbow | White | 75% Non-Fibrous Material |
| Chrysotile 10 % | | | | |
| Amosite 15 % | | | | |
| **Total Asbestos** **25 %** | | | | |
| 989983-018<br>255 | Admin Building Attic | Thermal Systems<br>Insulation Elbow | White | 75% Non-Fibrous Material |
| Chrysotile 10 % | | | | |
| Amosite 15 % | | | | |
| **Total Asbestos** **25 %** | | | | |
| 989983-019<br>256 | Admin Building Attic | Thermal Systems<br>Insulation | White | 75% Non-Fibrous Material |
| Chrysotile 10 % | | | | |
| Amosite 15 % | | | | |
| **Total Asbestos** **25 %** | | | | |
| 989983-020<br>257 | Admin Building Attic | Thermal Systems<br>Insulation | White | 75% Non-Fibrous Material |
| Chrysotile 10 % | | | | |
| Amosite 15 % | | | | |
| **Total Asbestos** **25 %** | | | | |

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Report Number: 989983
Project Number: OC164905
Project Name: Warner Middle School
Project Location: 14171 Newland Street
Westminster, 92683

Date Collected: 8/28/2023
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Date Analyzed: 9/5/2023
Date Reported: 9/7/2023

Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-021<br>258 | Admin Building Attic | Thermal Systems Insulation | White | 75% Non-Fibrous Material |
| Chrysotile 10 % | | | | |
| Amosite 15 % | | | | |
| **Total Asbestos 25 %** | | | | |
| 989983-022<br>259 | Boys and Girls Locker Room at Attic | Thermal Systems Insulation | White | 75% Non-Fibrous Material |
| Chrysotile 10 % | | | | |
| Amosite 15 % | | | | |
| **Total Asbestos 25 %** | | | | |
| 989983-023<br>260 | Boys and Girls Locker Room at Attic | Thermal Systems Insulation | White | 75% Non-Fibrous Material |
| Chrysotile 10 % | | | | |
| Amosite 15 % | | | | |
| **Total Asbestos 25 %** | | | | |
| 989983-024<br>261 | Boys and Girls Locker Room at Attic | Thermal Systems Insulation | White | 75% Non-Fibrous Material |
| Chrysotile 10 % | | | | |
| Amosite 15 % | | | | |
| **Total Asbestos 25 %** | | | | |

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**PLM Asbestos Identification**

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PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 989983
Project Number: OC164905
Project Name: Warner Middle School
Project Location: 14171 Newland Street
Westminster, 92683

Date Collected: 8/28/2023
Date Received: 8/29/2023
Date Analyzed: 9/5/2023
Date Reported: 9/7/2023

Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-025<br>262 | Building 26A 26B 26C at Attic | Thermal Systems Insulation | White | 75% Non-Fibrous Material |
| Chrysotile 10 % | | | | |
| Amosite 15 % | | | | |
| **Total Asbestos 25 %** | | | | |
| 989983-026<br>263 | Building 26A 26B 26C at Attic | Thermal Systems Insulation | White | 75% Non-Fibrous Material |
| Chrysotile 15 % | | | | |
| Amosite 10 % | | | | |
| **Total Asbestos 25 %** | | | | |
| 989983-027<br>264 | Building 26A 26B 26C at Attic | Thermal Systems Insulation | White | 75% Non-Fibrous Material |
| Chrysotile 15 % | | | | |
| Amosite 10 % | | | | |
| **Total Asbestos 25 %** | | | | |
| 989983-028<br>265 | Building 17 18 19 at Attic | Thermal Systems Insulation | White | 75% Non-Fibrous Material |
| Chrysotile 10 % | | | | |
| Amosite 15 % | | | | |
| **Total Asbestos 25 %** | | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-029<br>266 | Building 17 18 19 at Attic | Thermal Systems Insulation | White | 75% Non-Fibrous Material |
| Chrysotile 10 % | | | | |
| Amosite 15 % | | | | |
| **Total Asbestos** **25 %** | | | | |
| 989983-030<br>267 | Building 17 18 19 at Attic | Thermal Systems Insulation | White | 75% Non-Fibrous Material |
| Chrysotile 10 % | | | | |
| Amosite 15 % | | | | |
| **Total Asbestos** **25 %** | | | | |
| 989983-031<br>268 | Building 23 24 25 at Attic | Thermal Systems Insulation | Yellow | 5% Non-Fibrous Material<br>10% Cellulose<br>85% Mineral Wool |
| **Total Asbestos** **None Detected** | | | | |
| 989983-032<br>269 | Building 23 24 25 at Attic | Thermal Systems Insulation | Yellow | 5% Non-Fibrous Material<br>10% Cellulose<br>85% Mineral Wool |
| **Total Asbestos** **None Detected** | | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-033<br>270 | Building 23 24 25 at Attic | Thermal Systems Insulation | Yellow | 5% Non-Fibrous Material<br>10% Cellulose<br>85% Mineral Wool |
| **Total Asbestos** | **None Detected** | | | |
| 989983-034<br>271 | Building 1 2 3 at Exterior Window | Window Putty | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-035<br>272 | Building 1 2 3 at Exterior Window | Window Putty | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-036<br>273 | Building 1 2 3 at Exterior Window | Window Putty | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-037<br>274 | Building 4 5 6 at Exterior Window | Window Putty | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-038<br>275 | Building 4 5 6 at Exterior Window | Window Putty | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-039<br>276 | Building 4 5 6 at Exterior Window | Window Putty | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-040<br>277 | Building 7 8 9 at Exterior Window | Window Putty | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-041<br>278 | Building 7 8 9 at Exterior Window | Window Putty | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-042<br>279 | Building 7 8 9 at Exterior Window | Window Putty | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-043<br>280 | Building 10 11 12 at Exterior Window | Window Putty | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-044<br>281 | Building 10 11 12 at Exterior Window | Window Putty | Gray / Brown | 98% Non-Fibrous Material |
| Chrysotile | 2 % | | | |
| **Total Asbestos** | **2 %** | | | |

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Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-045<br>282 | Building 10 11 12 at Exterior Window | Window Putty | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-046<br>283 | Building 13 14 15 16 at Exterior Window | Window Putty | Gray / Brown | 98% Non-Fibrous Material |
| Chrysotile | 2 % | | | |
| **Total Asbestos** | **2 %** | | | |
| 989983-047<br>284 | Building 13 14 15 16 at Exterior Window | Window Putty | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-048<br>285 | Building 13 14 15 16 at Exterior Window | Window Putty | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-049<br>286 | Admin Building at Exterior Windows | Window Putty | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-050<br>287 | Admin Building at Exterior Windows | Window Putty | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-051<br>288 | Admin Building at Exterior Windows | Window Putty | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-052<br>289 | Boys and Girls Locker Building at Exterior Windows | Window Putty | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-053<br>290 | Boys and Girls Locker Building at Exterior Windows | Window Putty | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-054<br>291 | Boys and Girls Locker Building at Exterior Windows | Window Putty | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-055<br>292 | Building 17 18 19 at Exterior Window | Window Putty | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-056<br>293 | Building 17 18 19 at Exterior Window | Window Putty | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-057<br>294 | Building 17 18 19 at Exterior Window | Window Putty | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-058<br>295 | Building 20 21 22 at Exterior Window | Window Putty | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-059<br>296 | Building 20 21 22 at Exterior Window | Window Putty | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-060<br>297 | Building 20 21 22 at Exterior Window | Window Putty | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-061<br>298 | Building 23 24 25 at Exterior Window | Window Putty | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-062<br>299 | Building 23 24 25 at Exterior Window | Window Putty | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-063<br>300 | Building 23 24 25 at Exterior Window | Window Putty | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-064<br>301 | Building 26A 26B 26C at Exterior Window | Window Putty | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-065<br>302 | Building 26A 26B 26C at Exterior Window | Window Putty | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-066<br>303 | Building 26A 26B 26C at Exterior Window | Window Putty | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-067<br>304 | Building 27 28 29 at Exterior Window | Window Putty | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-068<br>305 | Building 27 28 29 at Exterior Window | Window Putty | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-069<br>306 | Building 27 28 29 at Exterior Window | Window Putty | Gray | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-070<br>307 | Building 20 21 22 at Attic | Thermal Systems Insulation | White | 75% Non-Fibrous Material |
| Chrysotile | 10 % | | | |
| Amosite | 15 % | | | |
| **Total Asbestos** | **25 %** | | | |
| 989983-071<br>308 | Building 20 21 22 at Attic | Thermal Systems Insulation | White | 75% Non-Fibrous Material |
| Chrysotile | 10 % | | | |
| Amosite | 15 % | | | |
| **Total Asbestos** | **25 %** | | | |
| 989983-072<br>309 | Building 20 21 22 at Attic | Thermal Systems Insulation | White | 75% Non-Fibrous Material |
| Chrysotile | 10 % | | | |
| Amosite | 15 % | | | |
| **Total Asbestos** | **25 %** | | | |
| 989983-073A<br>310 | Building 1 2 3 at Exterior Ceiling | Stucco | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-073B<br>310 | Building 1 2 3 at Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 989983-074A<br>311 | Building 1 2 3 at Exterior Ceiling | Stucco | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-074B<br>311 | Building 1 2 3 at Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 989983-075A<br>312 | Building 1 2 3 at Exterior Ceiling | Stucco | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-075B<br>312 | Building 1 2 3 at Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 989983-076A<br>313 | Building 4 5 6 at Exterior Ceiling | Stucco | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-076B<br>313 | Building 4 5 6 at Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 989983-077A<br>314 | Building 4 5 6 at Exterior Ceiling | Stucco | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-077B<br>314 | Building 4 5 6 at Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 989983-078A<br>315 | Building 4 5 6 at Exterior Ceiling | Stucco | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-078B<br>315 | Building 4 5 6 at Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 989983-079A<br>316 | Building 7 8 9 at Exterior Ceiling | Stucco | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-079B<br>316 | Building 7 8 9 at Exterior Ceiling | Scratch Coat | White | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 989983-080A<br>317 | Building 7 8 9 at Exterior Ceiling | Stucco | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-080B<br>317 | Building 7 8 9 at Exterior Ceiling | Scratch Coat | White | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 989983-081A<br>318 | Building 7 8 9 at Exterior Ceiling | Stucco | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-081B<br>318 | Building 7 8 9 at Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 989983-082A<br>319 | Building 10 11 12 at Exterior Ceiling | Stucco | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-082B<br>319 | Building 10 11 12 at Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 989983-083A<br>320 | Building 10 11 12 at Exterior Ceiling | Stucco | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-083B<br>320 | Building 10 11 12 at Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 989983-084A<br>321 | Building 10 11 12 at Exterior Ceiling | Stucco | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-084B<br>321 | Building 10 11 12 at Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 989983-085A<br>322 | Building 13 14 15 at Exterior Ceiling | Stucco | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-085B<br>322 | Building 13 14 15 at Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 989983-086A<br>323 | Building 13 14 15 at Exterior Ceiling | Stucco | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-086B<br>323 | Building 13 14 15 at Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 989983-087A<br>324 | Building 13 14 15 at Exterior Ceiling | Stucco | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-087B<br>324 | Building 13 14 15 at Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 989983-088A<br>325 | Girls and Boys Locker Building at Exterior Ceiling | Stucco | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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PATRIOT LAB

Westminster School District
Brian Johnson
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Report Number: 989983
Project Number: OC164905
Project Name: Warner Middle School
Project Location: 14171 Newland Street
Westminster, 92683

Date Collected: 8/28/2023
Date Received: 8/29/2023
Date Analyzed: 9/5/2023
Date Reported: 9/7/2023

Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-088B<br>325 | Girls and Boys Locker Building at Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 989983-089A<br>326 | Girls and Boys Locker Building at Exterior Ceiling | Stucco | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-089B<br>326 | Girls and Boys Locker Building at Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 989983-090A<br>327 | Girls and Boys Locker Building at Exterior Ceiling | Stucco | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-090B<br>327 | Girls and Boys Locker Building at Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 989983-091A<br>328 | Admin Building at Exterior Ceiling | Stucco | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Claim Number: PO No: T6000779
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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-091B<br>328 | Admin Building at Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 989983-092A<br>329 | Admin Building at Exterior Ceiling | Stucco | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-092B<br>329 | Admin Building at Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 989983-093A<br>330 | Admin Building at Exterior Ceiling | Stucco | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-093B<br>330 | Admin Building at Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 989983-094A<br>331 | Builidng 26A 26B 26C at Exterior Ceiling | Stucco | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-094B<br>331 | Builidng 26A 26B 26C at Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 989983-095A<br>332 | Builidng 26A 26B 26C at Exterior Ceiling | Stucco | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-095B<br>332 | Builidng 26A 26B 26C at Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 989983-096A<br>333 | Builidng 26A 26B 26C at Exterior Ceiling | Stucco | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-096B<br>333 | Builidng 26A 26B 26C at Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 989983-097A<br>334 | Building 17 18 19 at Exterior Ceiling | Stucco | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-097B<br>334 | Building 17 18 19 at Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 989983-098A<br>335 | Building 17 18 19 at Exterior Ceiling | Stucco | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-098B<br>335 | Building 17 18 19 at Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 989983-099A<br>336 | Building 17 18 19 at Exterior Ceiling | Stucco | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-099B<br>336 | Building 17 18 19 at Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 989983-100A<br>337 | Building 23 24 25 at Exterior Ceiling | Stucco | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-100B<br>337 | Building 23 24 25 at Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 989983-101A<br>338 | Building 23 24 25 at Exterior Ceiling | Stucco | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-101B<br>338 | Building 23 24 25 at Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 989983-102A<br>339 | Building 23 24 25 at Exterior Ceiling | Stucco | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-102B<br>339 | Building 23 24 25 at Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 989983-103A<br>340 | Building 27 28 29 at Exterior Ceiling | Stucco | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Date Reported: 9/7/2023

Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-103B<br>340 | Building 27 28 29 at Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 989983-104A<br>341 | Building 27 28 29 at Exterior Ceiling | Stucco | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-104B<br>341 | Building 27 28 29 at Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **<1** | | | |
| 989983-105A<br>342 | Building 27 28 29 at Exterior Ceiling | Stucco | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-105B<br>342 | Building 27 28 29 at Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 989983-106A<br>343 | Building 20 21 22 at Exterior Ceiling | Stucco | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Date Reported: 9/7/2023

Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-106B<br>343 | Building 20 21 22 at Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 989983-107A<br>344 | Building 20 21 22 at Exterior Ceiling | Stucco | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-107B<br>344 | Building 20 21 22 at Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |
| 989983-108A<br>345 | Building 20 21 22 at Exterior Ceiling | Stucco | Tan | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-108B<br>345 | Building 20 21 22 at Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile | <1 % | | | |
| **Total Asbestos** | **< 1%** | | | |

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Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-109<br>346 | Covered Attached Walkways at Roof | Roof Mastic | Black | 95% Non-Fibrous Material<br>5% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-110<br>347 | Covered Attached Walkways at Roof | Roof Mastic | Black | 95% Non-Fibrous Material<br>5% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-111<br>348 | Covered Attached Walkways at Roof | Roof Mastic | Black | 95% Non-Fibrous Material<br>5% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-112<br>349 | Building 1 2 3 at Roof | Roof Mastic | Black | 95% Non-Fibrous Material<br>5% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-113<br>350 | Building 1 2 3 at Roof | Roof Mastic | Black | 90% Non-Fibrous Material<br>10% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-114<br>351 | Building 1 2 3 at Roof | Roof Mastic | Black | 90% Non-Fibrous Material<br>10% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-115<br>352 | Building 4 5 6 at Roof | Roof Mastic | Black | 90% Non-Fibrous Material<br>10% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-116<br>353 | Building 4 5 6 at Roof | Roof Mastic | Black | 90% Non-Fibrous Material<br>10% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-117<br>354 | Building 4 5 6 at Roof | Roof Mastic | Black | 90% Non-Fibrous Material<br>5% Glass Fibers<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-118<br>355 | Building 7 8 9 at Roof | Roof Mastic | Black | 90% Non-Fibrous Material<br>5% Glass Fibers<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-119<br>356 | Building 7 8 9 at Roof | Roof Mastic | Black | 90% Non-Fibrous Material<br>5% Glass Fibers<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-120<br>357 | Building 7 8 9 at Roof | Roof Mastic | Black | 90% Non-Fibrous Material<br>5% Glass Fibers<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-121<br>358 | Building 10 11 12 at Roof | Roof Mastic | Black | 90% Non-Fibrous Material<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-122<br>359 | Building 10 11 12 at Roof | Roof Mastic | Black | 90% Non-Fibrous Material<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-123<br>360 | Building 10 11 12 at Roof | Roof Mastic | Black | 85% Non-Fibrous Material<br>5% Glass Fibers<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-124<br>361 | Building 13 14 15 16 at Roof | Roof Mastic | Black | 80% Non-Fibrous Material<br>7% Glass Fibers<br>10% Cellulose |
| Chrysotile 3 % | | | | |
| **Total Asbestos** **3 %** | | | | |
| 989983-125<br>362 | Building 13 14 15 16 at Roof | Roof Mastic | Black | 90% Non-Fibrous Material<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-126<br>363 | Building 13 14 15 16 at Roof | Roof Mastic | Black | 85% Non-Fibrous Material<br>10% Glass Fibers<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-127<br>364 | Admin Building at Roof | Roof Mastic | Black | 85% Non-Fibrous Material<br>10% Glass Fibers<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-128<br>365 | Admin Building at Roof | Roof Mastic | Black | 85% Non-Fibrous Material<br>5% Glass Fibers<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-129<br>366 | Admin Building at Roof | Roof Mastic | Black | 90% Non-Fibrous Material<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-130<br>367 | Boys and Grils Locker Room Building at Roof | Roof Mastic | Black | 90% Non-Fibrous Material<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-131<br>368 | Boys and Grils Locker Room Building at Roof | Roof Mastic | Black | 95% Non-Fibrous Material<br>5% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-132<br>369 | Boys and Grils Locker Room Building at Roof | Roof Mastic | Black | 95% Non-Fibrous Material<br>5% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-133<br>370 | Building 26A 26B 26C at Roof | Roof Mastic | Black | 85% Non-Fibrous Material<br>5% Glass Fibers<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-134<br>371 | Building 26A 26B 26C at Roof | Roof Mastic | Black | 85% Non-Fibrous Material<br>5% Glass Fibers<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-135<br>372 | Building 26A 26B 26C at Roof | Roof Mastic | Black | 90% Non-Fibrous Material<br>5% Glass Fibers<br>5% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-136<br>373 | Building 23 24 25 at Roof | Roof Mastic | Black | 90% Non-Fibrous Material<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-137<br>374 | Building 23 24 25 at Roof | Roof Mastic | Black | 85% Non-Fibrous Material<br>5% Glass Fibers<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

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PATRIOT LAB

Westminster School District
Brian Johnson
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Westminster, CA 92683

Report Number: 989983
Project Number: OC164905
Project Name: Warner Middle School
Project Location: 14171 Newland Street
Westminster, 92683

Date Collected: 8/28/2023
Date Received: 8/29/2023
Date Analyzed: 9/5/2023
Date Reported: 9/7/2023

Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-138<br>375 | Building 23 24 25 at Roof | Roof Mastic | Black | 85% Non-Fibrous Material<br>5% Glass Fibers<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-139<br>376 | Building 17 18 19 at Roof | Roof Mastic | Black | 85% Non-Fibrous Material<br>5% Glass Fibers<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-140<br>377 | Building 17 18 19 at Roof | Roof Mastic | Black | 85% Non-Fibrous Material<br>5% Glass Fibers<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-141<br>378 | Building 17 18 19 at Roof | Roof Mastic | Black | 85% Non-Fibrous Material<br>5% Glass Fibers<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-142<br>379 | Building 27 28 29 at Roof | Roof Mastic | Black | 85% Non-Fibrous Material<br>5% Glass Fibers<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-143<br>380 | Building 27 28 29 at Roof | Roof Mastic | Black | 85% Non-Fibrous Material<br>5% Glass Fibers<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-144<br>381 | Building 27 28 29 at Roof | Roof Mastic | Black | 85% Non-Fibrous Material<br>5% Glass Fibers<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-145<br>382 | Building 20 21 22 at Roof | Roof Mastic | Black | 85% Non-Fibrous Material<br>5% Glass Fibers<br>7% Cellulose |
| Chrysotile | 3 % | | | |
| **Total Asbestos** | **3 %** | | | |
| 989983-146<br>383 | Building 20 21 22 at Roof | Roof Mastic | Black | 85% Non-Fibrous Material<br>5% Glass Fibers<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-147<br>384 | Building 20 21 22 at Roof | Roof Mastic | Black | 85% Non-Fibrous Material<br>5% Glass Fibers<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-148A<br>385 | Covered Attached Walkway at Roof | Roll Roofing | Black | 85% Non-Fibrous Material<br>15% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-148B<br>385 | Covered Attached Walkway at Roof | Roofing Material | Black | 85% Non-Fibrous Material<br>15% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-148C<br>385 | Covered Attached Walkway at Roof | Roofing Material | Black | 85% Non-Fibrous Material<br>15% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-148D<br>385 | Covered Attached Walkway at Roof | Roofing Material | Black | 85% Non-Fibrous Material<br>15% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-149A<br>386 | Covered Attached Walkway at Roof | Roll Roofing | Black | 85% Non-Fibrous Material<br>15% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-149B<br>386 | Covered Attached Walkway at Roof | Roofing Material | Black | 85% Non-Fibrous Material<br>15% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-149C<br>386 | Covered Attached Walkway at Roof | Roofing Material | Black | 85% Non-Fibrous Material<br>15% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-149D<br>386 | Covered Attached Walkway at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-150A<br>387 | Covered Attached Walkway at Roof | Roll Roofing | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-150B<br>387 | Covered Attached Walkway at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-150C<br>387 | Covered Attached Walkway at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-150D<br>387 | Covered Attached Walkway at Roof | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-151A<br>388 | Covered Attached Walkway at Roof | Roll Roofing | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-151B<br>388 | Covered Attached Walkway at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-151C<br>388 | Covered Attached Walkway at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-151D<br>388 | Covered Attached Walkway at Roof | Roofing Material | Black | 75% Non-Fibrous Material<br>25% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-152A<br>389 | Covered Attached Walkway at Roof | Roll Roofing | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-152B<br>389 | Covered Attached Walkway at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-152C<br>389 | Covered Attached Walkway at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-152D<br>389 | Covered Attached Walkway at Roof | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-153A<br>390 | Covered Attached Walkway at Roof | Roll Roofing | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-153B<br>390 | Covered Attached Walkway at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-153C<br>390 | Covered Attached Walkway at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-153D<br>390 | Covered Attached Walkway at Roof | Roofing Material | Black | 75% Non-Fibrous Material<br>25% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-154A<br>391 | Covered Attached Walkway at Roof | Roll Roofing | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-154B<br>391 | Covered Attached Walkway at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-154C<br>391 | Covered Attached Walkway at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-154D<br>391 | Covered Attached Walkway at Roof | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-155A<br>392 | Building 1 2 3 at Roof | Roll Roof | Black | 70% Non-Fibrous Material<br>30% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-155B<br>392 | Building 1 2 3 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-155C<br>392 | Building 1 2 3 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-155D<br>392 | Building 1 2 3 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-155E<br>392 | Building 1 2 3 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-156A<br>393 | Building 1 2 3 at Roof | Roll Roof | Black | 70% Non-Fibrous Material<br>30% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-156B<br>393 | Building 1 2 3 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-156C<br>393 | Building 1 2 3 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-156D<br>393 | Building 1 2 3 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-156E<br>393 | Building 1 2 3 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-157A<br>394 | Building 1 2 3 at Roof | Roll Roof | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-157B<br>394 | Building 1 2 3 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-157C<br>394 | Building 1 2 3 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-157D<br>394 | Building 1 2 3 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-157E<br>394 | Building 1 2 3 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-158A<br>395 | Building 1 2 3 at Roof | Roll Roof | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-158B<br>395 | Building 1 2 3 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-158C<br>395 | Building 1 2 3 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-159A<br>396 | Building 1 2 3 at Roof | Roll Roof | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-159B<br>396 | Building 1 2 3 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-159C<br>396 | Building 1 2 3 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-159D<br>396 | Building 1 2 3 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-159E<br>396 | Building 1 2 3 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-160A<br>397 | Building 1 2 3 at Roof | Roll Roof | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-160B<br>397 | Building 1 2 3 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-160C<br>397 | Building 1 2 3 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-160D<br>397 | Building 1 2 3 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-160E<br>397 | Building 1 2 3 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-161A<br>398 | Building 4 5 6 at Roof | Roll Roof | Gray Black | 70% Non-Fibrous Material<br>30% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-161B<br>398 | Building 4 5 6 at Roof | Roofing Material | Black | 70% Glass Fibers<br>30% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-161C<br>398 | Building 4 5 6 at Roof | Roofing Material | Black | 65% Glass Fibers<br>35% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-161D<br>398 | Building 4 5 6 at Roof | Roofing Material | Brown Black | 70% Glass Fibers<br>30% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

Certificate of Analysis
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PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 989983
Project Number: OC164905
Project Name: Warner Middle School
Project Location: 14171 Newland Street
Westminster, 92683

Date Collected: 8/28/2023
Date Received: 8/29/2023
Date Analyzed: 9/5/2023
Date Reported: 9/7/2023

Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-161E<br>398 | Building 4 5 6 at Roof | Roofing Material | Brown Black | 70% Glass Fibers<br>30% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-161F<br>398 | Building 4 5 6 at Roof | Roofing Material | Grey Black | 55% Non-Fibrous Material<br>45% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-162A<br>399 | Building 4 5 6 at Roof | Roll Roof | Gray Black | 70% Non-Fibrous Material<br>30% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-162B<br>399 | Building 4 5 6 at Roof | Roofing Material | Black | 70% Glass Fibers<br>30% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-162C<br>399 | Building 4 5 6 at Roof | Roofing Material | Black | 65% Glass Fibers<br>35% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-162D<br>399 | Building 4 5 6 at Roof | Roofing Material | Brown Black | 70% Glass Fibers<br>30% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-162E<br>399 | Building 4 5 6 at Roof | Roofing Material | Brown Black | 70% Glass Fibers<br>30% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-162F<br>399 | Building 4 5 6 at Roof | Roofing Material | Grey Black | 55% Non-Fibrous Material<br>45% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-163A<br>400 | Building 4 5 6 at Roof | Roll Roof | Gray Black | 70% Non-Fibrous Material<br>30% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-163B<br>400 | Building 4 5 6 at Roof | Roofing Material | Black | 70% Glass Fibers<br>30% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-163C<br>400 | Building 4 5 6 at Roof | Roofing Material | Black | 65% Glass Fibers<br>35% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-163D<br>400 | Building 4 5 6 at Roof | Roofing Material | Brown Black | 70% Glass Fibers<br>30% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-163E<br>400 | Building 4 5 6 at Roof | Roofing Material | Brown Black | 70% Glass Fibers<br>30% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-163F<br>400 | Building 4 5 6 at Roof | Roofing Material | Grey Black | 55% Non-Fibrous Material<br>45% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-164A<br>401 | Building 4 5 6 at Roof | Roll Roof | Gray Black | 70% Non-Fibrous Material<br>30% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-164B<br>401 | Building 4 5 6 at Roof | Roofing Material | Black | 70% Glass Fibers<br>30% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-164C<br>401 | Building 4 5 6 at Roof | Roofing Material | Black | 65% Glass Fibers<br>35% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-164D<br>401 | Building 4 5 6 at Roof | Roofing Material | Brown Black | 70% Glass Fibers<br>30% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-164E<br>401 | Building 4 5 6 at Roof | Roofing Material | Brown Black | 70% Glass Fibers<br>30% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-164F<br>401 | Building 4 5 6 at Roof | Roofing Material | Grey Black | 55% Non-Fibrous Material<br>45% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-165A<br>402 | Building 4 5 6 at Roof | Roll Roof | Gray Black | 70% Non-Fibrous Material<br>30% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-165B<br>402 | Building 4 5 6 at Roof | Roofing Material | Black | 70% Glass Fibers<br>30% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-165C<br>402 | Building 4 5 6 at Roof | Roofing Material | Black | 65% Glass Fibers<br>35% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-165D<br>402 | Building 4 5 6 at Roof | Roofing Material | Brown Black | 70% Glass Fibers<br>30% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-165E<br>402 | Building 4 5 6 at Roof | Roofing Material | Brown Black | 70% Glass Fibers<br>30% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-165F<br>402 | Building 4 5 6 at Roof | Roofing Material | Grey Black | 55% Non-Fibrous Material<br>45% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-166A<br>403 | Building 4 5 6 at Roof | Roll Roof | Gray Black | 70% Non-Fibrous Material<br>30% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-166B<br>403 | Building 4 5 6 at Roof | Roofing Material | Black | 70% Glass Fibers<br>30% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-166C<br>403 | Building 4 5 6 at Roof | Roofing Material | Black | 65% Glass Fibers<br>35% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-166D<br>403 | Building 4 5 6 at Roof | Roofing Material | Brown Black | 70% Glass Fibers<br>30% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-166E<br>403 | Building 4 5 6 at Roof | Roofing Material | Brown Black | 70% Glass Fibers<br>30% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-166F<br>403 | Building 4 5 6 at Roof | Roofing Material | Grey Black | 55% Non-Fibrous Material<br>45% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-167A<br>404 | Building 7 8 9 at Roof | Roll Roofing Core | Gray Black | 70% Non-Fibrous Material<br>30% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-167B<br>404 | Building 7 8 9 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-167C<br>404 | Building 7 8 9 at Roof | Roofing Material | Black | 65% Glass Fibers<br>35% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-167D<br>404 | Building 7 8 9 at Roof | Roofing Material | Black | 70% Glass Fibers<br>30% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-167E<br>404 | Building 7 8 9 at Roof | Roofing Material | Black | 80% Glass Fibers<br>20% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-167F<br>404 | Building 7 8 9 at Roof | Roofing Material | Grey Black | 55% Non-Fibrous Material<br>45% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-168A<br>405 | Building 7 8 9 at Roof | Roll Roofing Core | Gray Black | 70% Non-Fibrous Material<br>30% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-168B<br>405 | Building 7 8 9 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-168C<br>405 | Building 7 8 9 at Roof | Roofing Material | Black | 65% Glass Fibers<br>35% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-168D<br>405 | Building 7 8 9 at Roof | Roofing Material | Black | 70% Glass Fibers<br>30% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-168E<br>405 | Building 7 8 9 at Roof | Roofing Material | Black | 80% Glass Fibers<br>20% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-168F<br>405 | Building 7 8 9 at Roof | Roofing Material | Grey Black | 55% Non-Fibrous Material<br>45% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-169A<br>406 | Building 7 8 9 at Roof | Roll Roofing Core | Grey Black | 70% Non-Fibrous Material<br>30% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-169B<br>406 | Building 7 8 9 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-169C<br>406 | Building 7 8 9 at Roof | Roofing Material | Black | 65% Glass Fibers<br>35% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-169D<br>406 | Building 7 8 9 at Roof | Roofing Material | Black | 70% Glass Fibers<br>30% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-169E<br>406 | Building 7 8 9 at Roof | Roofing Material | Black | 80% Glass Fibers<br>20% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-169F<br>406 | Building 7 8 9 at Roof | Roofing Material | Grey Black | 55% Non-Fibrous Material<br>45% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-170A<br>407 | Building 7 8 9 at Roof | Roll Roofing Core | Grey Black | 70% Non-Fibrous Material<br>30% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-170B<br>407 | Building 7 8 9 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-170C<br>407 | Building 7 8 9 at Roof | Roofing Material | Black | 65% Glass Fibers<br>35% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-170D<br>407 | Building 7 8 9 at Roof | Roofing Material | Black | 70% Glass Fibers<br>30% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-170E<br>407 | Building 7 8 9 at Roof | Roofing Material | Black | 80% Glass Fibers<br>20% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-170F<br>407 | Building 7 8 9 at Roof | Roofing Material | Grey Black | 55% Non-Fibrous Material<br>45% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-171A<br>408 | Building 7 8 9 at Roof | Roll Roofing Core | Gray Black | 70% Non-Fibrous Material<br>30% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-171B<br>408 | Building 7 8 9 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-171C<br>408 | Building 7 8 9 at Roof | Roofing Material | Black | 65% Glass Fibers<br>35% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-171D<br>408 | Building 7 8 9 at Roof | Roofing Material | Black | 70% Glass Fibers<br>30% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-171E<br>408 | Building 7 8 9 at Roof | Roofing Material | Black | 80% Glass Fibers<br>20% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-171F<br>408 | Building 7 8 9 at Roof | Roofing Material | Grey Black | 55% Non-Fibrous Material<br>45% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-172A<br>409 | Building 7 8 9 at Roof | Roll Roofing Core | Grey Black | 70% Non-Fibrous Material<br>30% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-172B<br>409 | Building 7 8 9 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-172C<br>409 | Building 7 8 9 at Roof | Roofing Material | Black | 65% Glass Fibers<br>35% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-172D<br>409 | Building 7 8 9 at Roof | Roofing Material | Black | 70% Glass Fibers<br>30% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-172E<br>409 | Building 7 8 9 at Roof | Roofing Material | Black | 80% Glass Fibers<br>20% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-172F<br>409 | Building 7 8 9 at Roof | Roofing Material | Grey Black | 55% Non-Fibrous Material<br>45% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-173A<br>410 | Building 10 11 12 at Roof | Roll Roofing Core | Silver Black | 70% Non-Fibrous Material<br>30% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-173B<br>410 | Building 10 11 12 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 989983
Project Number: OC164905
Project Name: Warner Middle School
Project Location: 14171 Newland Street
Westminster, 92683

Date Collected: 8/28/2023
Date Received: 8/29/2023
Date Analyzed: 9/5/2023
Date Reported: 9/7/2023

Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-173C<br>410 | Building 10 11 12 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-173D<br>410 | Building 10 11 12 at Roof | Roofing Material | Brown Black | 60% Glass Fibers<br>30% Non-Fibrous Material<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-174A<br>411 | Building 10 11 12 at Roof | Roll Roofing Core | Silver Black | 70% Non-Fibrous Material<br>30% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-174B<br>411 | Building 10 11 12 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-174C<br>411 | Building 10 11 12 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-174D<br>411 | Building 10 11 12 at Roof | Roofing Material | Brown Black | 60% Glass Fibers<br>30% Non-Fibrous Material<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-175A<br>412 | Building 10 11 12 at Roof | Roll Roofing Core | Silver Black | 70% Non-Fibrous Material<br>30% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-175B<br>412 | Building 10 11 12 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-175C<br>412 | Building 10 11 12 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-175D<br>412 | Building 10 11 12 at Roof | Roofing Material | Brown Black | 60% Glass Fibers<br>30% Non-Fibrous Material<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-176A<br>413 | Building 10 11 12 at Roof | Roll Roofing Core | Silver Black | 70% Non-Fibrous Material<br>30% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-176B<br>413 | Building 10 11 12 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-176C<br>413 | Building 10 11 12 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-176D<br>413 | Building 10 11 12 at Roof | Roofing Material | Brown Black | 60% Glass Fibers<br>30% Non-Fibrous Material<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-177A<br>414 | Building 10 11 12 at Roof | Roll Roofing Core | Silver Black | 70% Non-Fibrous Material<br>30% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-177B<br>414 | Building 10 11 12 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-177C<br>414 | Building 10 11 12 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-177D<br>414 | Building 10 11 12 at Roof | Roofing Material | Brown Black | 60% Glass Fibers<br>30% Non-Fibrous Material<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-178A<br>415 | Building 10 11 12 at Roof | Roll Roofing Core | Silver Black | 70% Non-Fibrous Material<br>30% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-178B<br>415 | Building 10 11 12 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-178C<br>415 | Building 10 11 12 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-178D<br>415 | Building 10 11 12 at Roof | Roofing Material | Brown Black | 60% Glass Fibers<br>30% Non-Fibrous Material<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-179A<br>416 | Building 13 14 15 16 at Roof | Roll Roofing Core | Silver Black | 70% Non-Fibrous Material<br>30% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-179B<br>416 | Building 13 14 15 16 at Roof | Roofing Material | Black | 60% Non-Fibrous Material<br>30% Glass Fibers<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-179C<br>416 | Building 13 14 15 16 at Roof | Roofing Material | Black | 65% Glass Fibers<br>35% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-179D<br>416 | Building 13 14 15 16 at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-180A<br>417 | Building 13 14 15 16 at Roof | Roll Roofing Core | Silver Black | 70% Non-Fibrous Material<br>30% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-180B<br>417 | Building 13 14 15 16 at Roof | Roofing Material | Black | 60% Non-Fibrous Material<br>30% Glass Fibers<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-180C<br>417 | Building 13 14 15 16 at Roof | Roofing Material | Black | 65% Glass Fibers<br>35% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-180D<br>417 | Building 13 14 15 16 at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-181A<br>418 | Building 13 14 15 16 at Roof | Roll Roofing Core | Silver Black | 70% Non-Fibrous Material<br>30% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-181B<br>418 | Building 13 14 15 16 at Roof | Roofing Material | Black | 60% Non-Fibrous Material<br>30% Glass Fibers<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-181C<br>418 | Building 13 14 15 16 at Roof | Roofing Material | Black | 65% Glass Fibers<br>35% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-181D<br>418 | Building 13 14 15 16 at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-182A<br>419 | Building 13 14 15 16 at Roof | Roll Roofing Core | Silver Black | 70% Non-Fibrous Material<br>30% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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|---|---|---|---|---|
| 989983-182B<br>419 | Building 13 14 15 16 at Roof | Roofing Material | Black | 60% Non-Fibrous Material<br>30% Glass Fibers<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-182C<br>419 | Building 13 14 15 16 at Roof | Roofing Material | Black | 65% Glass Fibers<br>35% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-182D<br>419 | Building 13 14 15 16 at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-183A<br>420 | Building 13 14 15 16 at Roof | Roll Roofing Core | Silver Black | 70% Non-Fibrous Material<br>30% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-183B<br>420 | Building 13 14 15 16 at Roof | Roofing Material | Black | 60% Non-Fibrous Material<br>30% Glass Fibers<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-183C<br>420 | Building 13 14 15 16 at Roof | Roofing Material | Black | 65% Glass Fibers<br>35% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-183D<br>420 | Building 13 14 15 16 at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-184A<br>421 | Building 13 14 15 16 at Roof | Roll Roofing Core | Silver Black | 70% Non-Fibrous Material<br>30% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-184B<br>421 | Building 13 14 15 16 at Roof | Roofing Material | Black | 60% Non-Fibrous Material<br>30% Glass Fibers<br>10% Cellulose |
| **Total Asbestos** | **None Detected** | | | |
| 989983-184C<br>421 | Building 13 14 15 16 at Roof | Roofing Material | Black | 65% Glass Fibers<br>35% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-184D<br>421 | Building 13 14 15 16 at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-185A<br>422 | Admin Building at Roof | Roll Roofing Core | Silver Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-185B<br>422 | Admin Building at Roof | Roofing Material | Black | 65% Glass Fibers<br>35% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-185C<br>422 | Admin Building at Roof | Roofing Material | Black | 60% Glass Fibers<br>40% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-185D<br>422 | Admin Building at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-186A<br>423 | Admin Building at Roof | Roll Roofing Core | Silver Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-186B<br>423 | Admin Building at Roof | Roofing Material | Black | 65% Glass Fibers<br>35% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-186C<br>423 | Admin Building at Roof | Roofing Material | Black | 60% Glass Fibers<br>40% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-186D<br>423 | Admin Building at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-187A<br>424 | Admin Building at Roof | Roll Roofing Core | Silver Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-187B<br>424 | Admin Building at Roof | Roofing Material | Black | 65% Glass Fibers<br>35% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-187C<br>424 | Admin Building at Roof | Roofing Material | Black | 60% Glass Fibers<br>40% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-187D<br>424 | Admin Building at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-188A<br>425 | Admin Building at Roof | Roll Roofing Core | Silver Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-188B<br>425 | Admin Building at Roof | Roofing Material | Black | 65% Glass Fibers<br>35% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-188C<br>425 | Admin Building at Roof | Roofing Material | Black | 60% Glass Fibers<br>40% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-188D<br>425 | Admin Building at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-189A<br>426 | Admin Building at Roof | Roll Roofing Core | Silver Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-189B<br>426 | Admin Building at Roof | Roofing Material | Black | 65% Glass Fibers<br>35% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-189C<br>426 | Admin Building at Roof | Roofing Material | Black | 60% Glass Fibers<br>40% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-189D<br>426 | Admin Building at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-190A<br>427 | Admin Building at Roof | Roll Roofing Core | Silver Black | 100% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-190B<br>427 | Admin Building at Roof | Roofing Material | Black | 65% Glass Fibers<br>35% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 989983
Project Number: OC164905
Project Name: Warner Middle School
Project Location: 14171 Newland Street
Westminster, 92683

Date Collected: 8/28/2023
Date Received: 8/29/2023
Date Analyzed: 9/5/2023
Date Reported: 9/7/2023

Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-190C<br>427 | Admin Building at Roof | Roofing Material | Black | 60% Glass Fibers<br>40% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-190D<br>427 | Admin Building at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-191A<br>428 | Boys and Girls Locker Building at Roof | Roll Roofing Core | Silver Black | 85% Non-Fibrous Material<br>15% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-191B<br>428 | Boys and Girls Locker Building at Roof | Roofing Material | Black | 70% Glass Fibers<br>30% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-191C<br>428 | Boys and Girls Locker Building at Roof | Roofing Material | Black | 65% Glass Fibers<br>35% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-191D<br>428 | Boys and Girls Locker Building at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-192A<br>429 | Boys and Girls Locker Building at Roof | Roll Roofing Core | Silver Black | 85% Non-Fibrous Material<br>15% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-192B<br>429 | Boys and Girls Locker Building at Roof | Roofing Material | Black | 70% Glass Fibers<br>30% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-192C<br>429 | Boys and Girls Locker Building at Roof | Roofing Material | Black | 65% Glass Fibers<br>35% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-192D<br>429 | Boys and Girls Locker Building at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-193A<br>430 | Boys and Girls Locker Building at Roof | Roll Roofing Core | Silver Black | 85% Non-Fibrous Material<br>15% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-193B<br>430 | Boys and Girls Locker Building at Roof | Roofing Material | Black | 70% Glass Fibers<br>30% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-193C<br>430 | Boys and Girls Locker Building at Roof | Roofing Material | Black | 65% Glass Fibers<br>35% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-193D<br>430 | Boys and Girls Locker Building at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-194A<br>431 | Boys and Girls Locker Building at Roof | Roll Roofing Core | Silver Black | 85% Non-Fibrous Material<br>15% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-194B<br>431 | Boys and Girls Locker Building at Roof | Roofing Material | Black | 70% Glass Fibers<br>30% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-194C<br>431 | Boys and Girls Locker Building at Roof | Roofing Material | Black | 65% Glass Fibers<br>35% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-194D<br>431 | Boys and Girls Locker Building at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-195A<br>432 | Boys and Girls Locker Building at Roof | Roll Roofing Core | Silver Black | 85% Non-Fibrous Material<br>15% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-195B<br>432 | Boys and Girls Locker Building at Roof | Roofing Material | Black | 70% Glass Fibers<br>30% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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|---|---|---|---|---|
| 989983-195C<br>432 | Boys and Girls Locker Building at Roof | Roofing Material | Black | 65% Glass Fibers<br>35% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-195D<br>432 | Boys and Girls Locker Building at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-196A<br>433 | Boys and Girls Locker Building at Roof | Roll Roofing Core | Silver Black | 85% Non-Fibrous Material<br>15% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-196B<br>433 | Boys and Girls Locker Building at Roof | Roofing Material | Black | 70% Glass Fibers<br>30% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-196C<br>433 | Boys and Girls Locker Building at Roof | Roofing Material | Black | 65% Glass Fibers<br>35% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-196D<br>433 | Boys and Girls Locker Building at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-197A<br>434 | Building 26A 26B 26C at Roof | Roll Roofing Core | Silver Black | 85% Non-Fibrous Material<br>15% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-197B<br>434 | Building 26A 26B 26C at Roof | Roofing Material | Black | 65% Non-Fibrous Material<br>35% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-197C<br>434 | Building 26A 26B 26C at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-197D<br>434 | Building 26A 26B 26C at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-197E<br>434 | Building 26A 26B 26C at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-197F<br>434 | Building 26A 26B 26C at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-198A<br>435 | Building 26A 26B 26C at Roof | Roll Roofing Core | Silver Black | 85% Non-Fibrous Material<br>15% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-198B<br>435 | Building 26A 26B 26C at Roof | Roofing Material | Black | 65% Non-Fibrous Material<br>35% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-198C<br>435 | Building 26A 26B 26C at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-198D<br>435 | Building 26A 26B 26C at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-198E<br>435 | Building 26A 26B 26C at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-198F<br>435 | Building 26A 26B 26C at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-199A<br>436 | Building 26A 26B 26C at Roof | Roll Roofing Core | Silver Black | 85% Non-Fibrous Material<br>15% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-199B<br>436 | Building 26A 26B 26C at Roof | Roofing Material | Black | 65% Non-Fibrous Material<br>35% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |

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|---|---|---|---|---|
| 989983-199C<br>436 | Building 26A 26B 26C at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-199D<br>436 | Building 26A 26B 26C at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-199E<br>436 | Building 26A 26B 26C at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-199F<br>436 | Building 26A 26B 26C at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-200A<br>437 | Building 26A 26B 26C at Roof | Roll Roofing Core | Silver Black | 85% Non-Fibrous Material<br>15% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-200B<br>437 | Building 26A 26B 26C at Roof | Roofing Material | Black | 65% Non-Fibrous Material<br>35% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-200C<br>437 | Building 26A 26B 26C at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-200D<br>437 | Building 26A 26B 26C at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-200E<br>437 | Building 26A 26B 26C at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-200F<br>437 | Building 26A 26B 26C at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-201A<br>438 | Building 26A 26B 26C at Roof | Roll Roofing Core | Silver Black | 85% Non-Fibrous Material<br>15% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-201B<br>438 | Building 26A 26B 26C at Roof | Roofing Material | Black | 65% Non-Fibrous Material<br>35% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-201C<br>438 | Building 26A 26B 26C at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-201D<br>438 | Building 26A 26B 26C at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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|---|---|---|---|---|
| 989983-201E<br>438 | Building 26A 26B 26C at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-201F<br>438 | Building 26A 26B 26C at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-202A<br>439 | Building 26A 26B 26C at Roof | Roofing Material | Silver Black | 85% Non-Fibrous Material<br>15% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-202B<br>439 | Building 26A 26B 26C at Roof | Roofing Material | Black | 65% Non-Fibrous Material<br>35% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-202C<br>439 | Building 26A 26B 26C at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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|---|---|---|---|---|
| 989983-202D<br>439 | Building 26A 26B 26C at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-202E<br>439 | Building 26A 26B 26C at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-202F<br>439 | Building 26A 26B 26C at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-203A<br>440 | Building 23 24 25 at Roof | Roll Roofing Core | Silver Black | 85% Non-Fibrous Material<br>15% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-203B<br>440 | Building 23 24 25 at Roof | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-203C<br>440 | Building 23 24 25 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-203D<br>440 | Building 23 24 25 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-203E<br>440 | Building 23 24 25 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-203F<br>440 | Building 23 24 25 at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-204A<br>441 | Building 23 24 25 at Roof | Roll Roofing Core | Silver Black | 85% Non-Fibrous Material<br>15% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Report Number: 989983
Project Number: OC164905
Project Name: Warner Middle School
Project Location: 14171 Newland Street
Westminster, 92683

Date Collected: 8/28/2023
Date Received: 8/29/2023
Date Analyzed: 9/5/2023
Date Reported: 9/7/2023

Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-204B<br>441 | Building 23 24 25 at Roof | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-204C<br>441 | Building 23 24 25 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-204D<br>441 | Building 23 24 25 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-204E<br>441 | Building 23 24 25 at Roof | Vapor Barrier | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-204F<br>441 | Building 23 24 25 at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

Certificate of Analysis
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PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-205A<br>442 | Building 23 24 25 at Roof | Roll Roofing Core | Silver Black | 85% Non-Fibrous Material<br>15% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-205B<br>442 | Building 23 24 25 at Roof | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-205C<br>442 | Building 23 24 25 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-205D<br>442 | Building 23 24 25 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-205E<br>442 | Building 23 24 25 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-205F<br>442 | Building 23 24 25 at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-206A<br>443 | Building 23 24 25 at Roof | Roll Roofing Core | Silver Black | 85% Non-Fibrous Material<br>15% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-206B<br>443 | Building 23 24 25 at Roof | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-206C<br>443 | Building 23 24 25 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-206D<br>443 | Building 23 24 25 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-206E<br>443 | Building 23 24 25 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-206F<br>443 | Building 23 24 25 at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-207A<br>444 | Building 23 24 25 at Roof | Roll Roofing Core | Silver Black | 85% Non-Fibrous Material<br>15% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-207B<br>444 | Building 23 24 25 at Roof | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-207C<br>444 | Building 23 24 25 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-207D<br>444 | Building 23 24 25 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-207E<br>444 | Building 23 24 25 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-207F<br>444 | Building 23 24 25 at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-208A<br>445 | Building 23 24 25 at Roof | Roll Roofing Core | Silver Black | 85% Non-Fibrous Material<br>15% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-208B<br>445 | Building 23 24 25 at Roof | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-208C<br>445 | Building 23 24 25 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-208D<br>445 | Building 23 24 25 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-208E<br>445 | Building 23 24 25 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-208F<br>445 | Building 23 24 25 at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-209A<br>446 | Building 17 18 19 at Roof | Roll Roofing Core | Silver Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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|---|---|---|---|---|
| 989983-209B<br>446 | Building 17 18 19 at Roof | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-209C<br>446 | Building 17 18 19 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-209D<br>446 | Building 17 18 19 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-209E<br>446 | Building 17 18 19 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-209F<br>446 | Building 17 18 19 at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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|---|---|---|---|---|
| 989983-210A<br>447 | Building 17 18 19 at Roof | Roll Roofing Core | Silver Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-210B<br>447 | Building 17 18 19 at Roof | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-210C<br>447 | Building 17 18 19 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-210D<br>447 | Building 17 18 19 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-210E<br>447 | Building 17 18 19 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
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|---|---|---|---|---|
| 989983-210F<br>447 | Building 17 18 19 at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-211A<br>448 | Building 17 18 19 at Roof | Roll Roofing Core | Silver Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-211B<br>448 | Building 17 18 19 at Roof | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-211C<br>448 | Building 17 18 19 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-211D<br>448 | Building 17 18 19 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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|---|---|---|---|---|
| 989983-211E<br>448 | Building 17 18 19 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-211F<br>448 | Building 17 18 19 at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-212A<br>449 | Building 17 18 19 at Roof | Roll Roofing Core | Silver Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-212B<br>449 | Building 17 18 19 at Roof | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-212C<br>449 | Building 17 18 19 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-212D<br>449 | Building 17 18 19 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-212E<br>449 | Building 17 18 19 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-212F<br>449 | Building 17 18 19 at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-213A<br>450 | Building 17 18 19 at Roof | Roll Roofing Core | Silver Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-213B<br>450 | Building 17 18 19 at Roof | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-213C<br>450 | Building 17 18 19 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-213D<br>450 | Building 17 18 19 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-213E<br>450 | Building 17 18 19 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-213F<br>450 | Building 17 18 19 at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-214A<br>451 | Building 17 18 19 at Roof | Roll Roofing Core | Silver Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-214B<br>451 | Building 17 18 19 at Roof | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-214C<br>451 | Building 17 18 19 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-214D<br>451 | Building 17 18 19 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-214E<br>451 | Building 17 18 19 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-214F<br>451 | Building 17 18 19 at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-215A<br>452 | Building 20 21 22 at Roofing | Roll Roofing Core | Silver Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-215B<br>452 | Building 20 21 22 at Roofing | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-215C<br>452 | Building 20 21 22 at Roofing | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-215D<br>452 | Building 20 21 22 at Roofing | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-215E<br>452 | Building 20 21 22 at Roofing | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-215F<br>452 | Building 20 21 22 at Roofing | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-216A<br>453 | Building 20 21 22 at Roofing | Roll Roofing Core | Silver Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-216B<br>453 | Building 20 21 22 at Roofing | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-216C<br>453 | Building 20 21 22 at Roofing | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-216D<br>453 | Building 20 21 22 at Roofing | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

Certificate of Analysis
**PLM Asbestos Identification**

tel - 310-872-5227
free - 855-507-5227
LALab@patriotlab.com
5830B Hannum Avenue, Culver City, CA 90230

PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 989983
Project Number: OC164905
Project Name: Warner Middle School
Project Location: 14171 Newland Street
Westminster, 92683

Date Collected: 8/28/2023
Date Received: 8/29/2023
Date Analyzed: 9/5/2023
Date Reported: 9/7/2023

Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-216E<br>453 | Building 20 21 22 at Roofing | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-216F<br>453 | Building 20 21 22 at Roofing | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-217A<br>454 | Building 20 21 22 at Roofing | Roll Roofing Core | Silver Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-217B<br>454 | Building 20 21 22 at Roofing | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-217C<br>454 | Building 20 21 22 at Roofing | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-217D<br>454 | Building 20 21 22 at Roofing | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-217E<br>454 | Building 20 21 22 at Roofing | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-217F<br>454 | Building 20 21 22 at Roofing | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-218A<br>455 | Building 20 21 22 at Roofing | Roll Roofing Core | Silver Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-218B<br>455 | Building 20 21 22 at Roofing | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Date Analyzed: 9/5/2023
Date Reported: 9/7/2023

Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-218C<br>455 | Building 20 21 22 at Roofing | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-218D<br>455 | Building 20 21 22 at Roofing | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-218E<br>455 | Building 20 21 22 at Roofing | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-218F<br>455 | Building 20 21 22 at Roofing | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-219A<br>456 | Building 20 21 22 at Roofing | Roll Roofing Core | Silver Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Jose Ortiz
Claim Number: PO No: T6000779
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Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-219B<br>456 | Building 20 21 22 at Roofing | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-219C<br>456 | Building 20 21 22 at Roofing | Roofing Material | Black | Sulfate |
| **Total Asbestos** | **None Detected** | | | |
| 989983-219D<br>456 | Building 20 21 22 at Roofing | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-219E<br>456 | Building 20 21 22 at Roofing | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-219F<br>456 | Building 20 21 22 at Roofing | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Date Reported: 9/7/2023

Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-220A<br>457 | Building 20 21 22 at Roofing | Roll Roofing Core | Silver Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-220B<br>457 | Building 20 21 22 at Roofing | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-220C<br>457 | Building 20 21 22 at Roofing | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-220D<br>457 | Building 20 21 22 at Roofing | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-220E<br>457 | Building 20 21 22 at Roofing | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-220F<br>457 | Building 20 21 22 at Roofing | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-221A<br>458 | Building 27 28 29 at Roof | Roll Roofing Core | Silver Black | 75% Non-Fibrous Material<br>25% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-221B<br>458 | Building 27 28 29 at Roof | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-221C<br>458 | Building 27 28 29 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-221D<br>458 | Building 27 28 29 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-221E<br>458 | Building 27 28 29 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-221F<br>458 | Building 27 28 29 at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-222A<br>459 | Building 27 28 29 at Roof | Roll Roofing Core | Silver Black | 75% Non-Fibrous Material<br>25% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-222B<br>459 | Building 27 28 29 at Roof | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-222C<br>459 | Building 27 28 29 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-222D<br>459 | Building 27 28 29 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-222E<br>459 | Building 27 28 29 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-222F<br>459 | Building 27 28 29 at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-223A<br>461 | Building 27 28 29 at Roof | Roll Roofing Core | Silver Black | 75% Non-Fibrous Material<br>25% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-223B<br>461 | Building 27 28 29 at Roof | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Westminster, 92683

Date Collected: 8/28/2023
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Date Analyzed: 9/5/2023
Date Reported: 9/7/2023

Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-223C<br>461 | Building 27 28 29 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-223D<br>461 | Building 27 28 29 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-223E<br>461 | Building 27 28 29 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-223F<br>461 | Building 27 28 29 at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-224A<br>462 | Building 27 28 29 at Roof | Roll Roofing Core | Silver Black | 75% Non-Fibrous Material<br>25% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-224B<br>462 | Building 27 28 29 at Roof | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-224C<br>462 | Building 27 28 29 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-224D<br>462 | Building 27 28 29 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-224E<br>462 | Building 27 28 29 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-224F<br>462 | Building 27 28 29 at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |

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Date Reported: 9/7/2023

Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-225A<br>463 | Building 27 28 29 at Roof | Roll Roofing Core | Silver Black | 75% Non-Fibrous Material<br>25% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-225B<br>463 | Building 27 28 29 at Roof | Roofing Material | Black | 70% Non-Fibrous Material<br>30% Synthetic Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-225C<br>463 | Building 27 28 29 at Roof | Roofing Material | Black | 80% Non-Fibrous Material<br>20% Glass Fibers |
| **Total Asbestos** | **None Detected** | | | |
| 989983-225D<br>463 | Building 27 28 29 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |
| 989983-225E<br>463 | Building 27 28 29 at Roof | Roofing Material | Black | 75% Glass Fibers<br>25% Non-Fibrous Material |
| **Total Asbestos** | **None Detected** | | | |

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Collected By: Jose Ortiz
Claim Number: PO No: T6000779
PO Number:
Number of Samples: 581

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 989983-225F 463 | Building 27 28 29 at Roof | Roofing Material | Gray Black | 80% Non-Fibrous Material 20% Glass Fibers |

**Total Asbestos** **None Detected**

Jose Quinones - Analyst

Peter Mai - Laboratory Manager - Approved By

Bulk sample(s) submitted was (were) analyzed in accordance with the procedure outlined in the US Federal Register 40 CFR Appendix E to Subpart E of Part 763; EPA-600/R-93/116 (Method for Determination of Asbestos in Building Materials), and EPA-600/M4-82-020 (US EPA Interim Method for the Determination of Asbestos in Bulk Insulation Samples). Samples were analyzed using Calibrated Visual Estimations (CVES); therefore, results may not be reliable for samples of low asbestos concentration levels. Samples of wall systems containing discrete and separable layers are analyzed separately and reported as composite unless specifically requested by the customer to report analytical results for individual layers. This report applies only to the items tested. Results are representative of the samples submitted and may not represent the entire material from which the samples were collected. "None Detected" means that no asbestos was observed in the sample. "<1%" (less than one percent) or Trace means that asbestos was observed in the sample but the concentration is below the quantifiable level of 1%. This report was issued by a NIST/NVLAP (Lab Code 201014-0) and CA Water Board ELAP (Cert. No. 2893) accredited laboratory and may not be reproduced, except in full without the expressed written consent of Patriot Environmental Laboratory Services, Inc. This report may not be used to claim product certification, approval or endorsement by NIST, NVLAP, CA-ELAP or any government agency..

ASB_Rep_8.23

Lab Use Only: 989983

**Turn Around Time:**
( ) ERS ( ) 24 HRS
( ) 48 HRS (X) 72 HRS

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fax - 310-697-0177
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PATRIOT
Environmental Laboratory Services, Inc.

## ASBESTOS FIELD BULK SAMPLE COC

**Project Name:** Warner Middle School | **Project #:** OC164905

**Project Address:** 14171 Newland St **City:** Westminster **Zip:** 92683

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 238 | Building 4,5,6 at Attic Space | TSI | ✓ | | Good | 300LF |
| 239 | Bldg 4,5,6 at Attic Space | TSI | ✓ | | Good | 300LF |
| 240 | Bldg 4,5,6 At Attic Space | TSI | ✓ | | Good | 300LF |
| 241 | Bldg 15, 13, 14, 16 At Attic | TSI | ✓ | | Good | 300LF |
| 242 | Bldg 15, 13, 14, 16 At Attic | TSI | ✓ | | Good | 300 LF |
| 243 | Bldg 15, 13, 14, 16 At Attic | TSI | ✓ | | Good | 300LF |
| 244 | Bldg 1, 2, 3 At Attic | TSI | ✓ | | Good | 600 LF |
| 245 | Bldg 1, 2, 3 At Attic | TSI | ✓ | | Good | 600 LF |
| 246 | Bldg 1, 2, 3 At Attic | TSI | ✓ | | Good | 600 LF |
| 247 | Bldg 10, 11, 12 at Attic | TSI | ✓ | | Good | 300 LF |
| 248 | Bldg 10, 11, 12 at Attic | TSI | ✓ | | Good | 300 LF |
| 249 | Bldg 10, 11, 12 | TSI | ✓ | | Good | 300LF |
| 250 | Bldg 7, 8, 9 At Attic | TSI | ✓ | | Good | 300 LF |
| 251 | Bldg 7, 8, 9 At Attic | TSI | ✓ | | Good | 300 LF |
| 252 | Bldg 7, 8, 9 At Attic | TSI | ✓ | | Good | 300 LF |
| 253 | Admin Bldg @ Attic | TSI Elbow | ✓ | | Good | 40 LF |

Sampled/Relinquished-Print/Sign: Jose Ortiz — Date: 8/29/23 Time: 4:30pm
Received/Relinquished-Print/Sign: Aaron Rodriguez — Date: 8-29 Time:
Received-Print/Sign: Malia Delgado — Date: 8.29 Time: 2:23

Page _____ of _____

AUG 29 PM 2:28

Asbestos Bulk Sample COC Rev 1.3.23

911@3:30pm

Lab Use Only: 989983

**Turn Around Time:**
( ) ERS ( ) 24 HRS
( ) 48 HRS (X) 72 HRS

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PATRIOT
Environmental Laboratory Services, Inc.

## ASBESTOS FIELD BULK SAMPLE COC

**Project Name:** Warner Middle School **Project #:** OC164905

**Project Address:** 14171 Newland St **City:** Westminster **Zip:** 92683

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 254 | Admin Bldng at Attic | TSI Elbow | ✓ | | Good | 40 LF |
| 255 | Admin Bldg at Attic | TSI Elbow | ✓ | | Good | 40 LF |
| 256 | Admin Bldg at Attic | TSI | ✓ | | Good | 600 LF |
| 257 | Admin Bldg at Attic | TSI | ✓ | | Good | 600 LF |
| 258 | Admin Bldg at Attic | TSI | ✓ | | Good | 600 LF |
| 259 | Boys & girls Locker Room at Attic | TSI | ✓ | | Good | 120 LF |
| 260 | Boys & girls Locker Room at Attic | TSI | ✓ | | Good | 120 LF |
| 261 | Boys and girls Locker room at Attic | TSI | ✓ | | Good | 120 LF |
| 262 | Bldg 26A, 26B, 26C At Attic | TSI | ✓ | | Good | 600 LF |
| 263 | Bldg 26A, 26B, 26C At Attic | TSI | ✓ | | Good | 600 LF |
| 264 | Bldg 26A, 26B, 26C At Attic | TSI | ✓ | | Good | 600 LF |
| 265 | Bldg 17, 18, 19 At Attic | TSI | ✓ | | Good | 300 LF |
| 266 | Bldg 17, 18, 19 At Attic | TSI | ✓ | | Good | 300 LF |
| 267 | Bldg 17, 18, 19 At Attic | TSI | ✓ | | Good | 300 LF |
| 268 | Bldg ~~22~~, 23, 24, 25 At Attic | TSI | ✓ | | Good | 300 LF |
| 269 | Bldg 23, 24, 25 At Attic | TSI | ✓ | | Good | 300 LF |

| | | |
|---|---|---|
| Sampled/Relinquished-Print/Sign: | Jose Ortiz | Date: 8/25/23 Time: |
| Received/Relinquished-Print/Sign: | Aaron Rodriguez | Date: 8-29 Time: |
| Received-Print/Sign: | Malia Delgado | Date: 8/29 Time: 2:23 |

Lab Use Only: 989983 _____

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Patriotlab.com
5830B Hannum Avenue, Culver City, CA 90230

PATRIOT Environmental Laboratory Services, Inc.

Project #: OC-164905

## ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 270 | Bldng 23, 24, 25 at Attic | TSI | ✓ | | Good | 300 LF |
| 271 | Bldng 1, 2, 3 At Exterior window | Window Putty - Grey | | ✓ | Good | 60 SF |
| 272 | " " " | | | ✓ | | 60 SF |
| 273 | " " " | | | ✓ | | 60 SF |
| 274 | Bldng 4, 5, 6 at Exterior Window | | | ✓ | | 60 SF |
| 275 | " " " | | | ✓ | | 60 SF |
| 276 | " " " | | | ✓ | | 60 SF |
| 277 | Bldng 7, 8, 9 At Exterior window | | | ✓ | | 60 SF |
| 278 | " " " | | | ✓ | | 60 SF |
| 279 | " " " | | | ✓ | | 60 SF |
| 280 | Bldng 10, 11, 12 At Exterior window | | | ✓ | | 60 SF |
| 281 | " " " | | | ✓ | | 60 SF |
| 282 | " " " | | | ✓ | | 60 SF |
| 283 | Bldng 13, 14, 15, 16 At Exterior Window | | | ✓ | | 60 SF |
| 284 | " " " | | | ✓ | | 60 SF |
| 285 | " " " | | | ✓ | | 60 SF |
| 286 | Admin Bldng At Exterior Windows | | | ✓ | | 60 SF |
| 287 | " " " | | | ✓ | | 60 SF |
| 288 | " " " | | | ✓ | | 60 SF |
| 289 | Boys & Girls Lockers Bldng At Exterior windows | | | ✓ | | 60 SF |

| | | | |
|---|---|---|---|
| Sampled/Relinquished-Print/Sign: | Jose Ortiz | Date: 8/25/23 | Time: |
| Received/Relinquished-Print/Sign: | Aaron Rodriguez | Date: 8/29 | Time: |
| Received-Print/Sign: | Malia Delgado | Date: 8:29 | Time: 2:23 |

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PATRIOT Environmental Laboratory Services, Inc.

Project #: OC1641905

## ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 290 | Boys & girls Lockers at Exterior Windows | Window putty-Gray | | ✓ | Good | 60SF |
| 291 | Boys & girls Lockers at Exterior Windows | | | ✓ | | 60 SF |
| 292 | Bldng 17, 18, 19 At Exterior Window | | | ✓ | | 60 SF |
| 293 | " " " | | | ✓ | | 60 SF |
| 294 | " " " | | | ✓ | | 60SF |
| 295 | Bldng 20, 21, 22 At Exterior Window | | | ✓ | | 60SF |
| 296 | " " " | | | ✓ | | 60 SF |
| 297 | " " " | | | ✓ | | 60 SF |
| 298 | Bldng 23, 24, 25 | | | ✓ | | 60SF |
| 299 | " " " | | | ✓ | | 60 SF |
| 300 | " " " | | | ✓ | | 60 SF |
| 301 | Bldng 26A, 26B, 26C At Exterior Window | | | ✓ | | 60 SF |
| 302 | " " " | | | ✓ | | 60SF |
| 303 | " " " | | | ✓ | | 60 SF |
| 304 | Bldng 27, 28, 29 | | | ✓ | | 60 SF |
| 305 | " " " | | | ✓ | | 60 SF |
| 306 | " " " | | | ✓ | | 60 SF |
| 307 | Bldng 20, 21, 22 At Attic | TSI | ✓ | | Good | 300LF |
| 308 | \| \| \| | TSI | ✓ | | Good | 300LF |
| 309 | | TSI | ✓ | | Good | 300 LF |

Sampled/Relinquished-Print/Sign: Jose Ortiz Date: 8/28/23 Time:

Received/Relinquished-Print/Sign: Aaron Rodriguez Date: 8-29 Time:

Received-Print/Sign: Malia Delgado Date: 8.29 Time: 2:32

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PATRIOT Environmental Laboratory Services, Inc.

Project #: OC 164905

# ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 310 | Bldng 1,23 At Exterior Ceiling | Stucco / Scratchcoat | | ✓ | Good | 900 |
| 311 | \| \| \| | \| \| | | ✓ | \| | 900 |
| 312 | | | | ✓ | | 900 |
| 313 | Bldng 4,5,6 At Exterior Ceiling | | | ✓ | | 900 |
| 314 | \| \| \| | | | ✓ | | 900 |
| 315 | | | | ✓ | | 900 |
| 316 | Bldng 7,8,9 at Exterior Ceiling | | | ✓ | | 900 |
| 317 | \| \| \| | | | ✓ | | 900 |
| 318 | | | | ✓ | | 900 |
| 319 | Bldng 10, 11, 12 at Exterior Ceiling | | | ✓ | | 900 |
| 320 | \| \| \| | | | ✓ | | 900 |
| 321 | | | | ✓ | | 900 |
| 322 | Bldng 13, 14, 15, 16 At Exterior Ceiling | | | ✓ | | 900 |
| 323 | \| \| \| | | | ✓ | | 900 |
| 324 | | | | ✓ | | 900 |
| 325 | Girls & Boys Locker Bldng at Exterior Ceiling | | | ✓ | | 900 |
| 326 | \| \| \| | | | ✓ | | 900 |
| 327 | | | | ✓ | | 900 |
| 328 | Admin Bldng At Exterior Ceiling | | | ✓ | | 900 |
| 329 | Admin Bldng At Exterior Ceiling | | | ✓ | | 900 |

| | | |
|---|---|---|
| Sampled/Relinquished-Print/Sign: | Jose Ortiz | Date: 8/28/23 Time: |
| Received/Relinquished-Print/Sign: | Aaron Rodriguez | Date: 8-29 Time: |
| Received-Print/Sign: | Malia Delgado | Date: 8/29 Time: 223 |

Lab Use Only: 989988

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Environmental Laboratory Services, Inc.

Project #: OC164905

## ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 330 | Admin Bldg at Exterior Ceiling | Stucco/Scratch coat | | ✓ | Good | 900 |
| 331 | Bldg 26A, 26B, 26C at Exterior Ceiling | | | ✓ | | 900 |
| 332 | \| \| \| | | | ✓ | | 900 |
| 333 | | | | ✓ | | 900 |
| 334 | Bldg 17, 18, 19 at Exterior Ceiling | | | ✓ | | 900 |
| 335 | \| \| \| | | | ✓ | | 900 |
| 336 | | | | ✓ | | 900 |
| 337 | Bldg 23, 24, 25 at Exterior Ceiling | | | ✓ | | 900 |
| 338 | \| \| \| | | | ✓ | | 900 |
| 339 | | | | ✓ | | 900 |
| 340 | Bldg 27, 28, 29 at Exterior Ceiling | | | ✓ | | 900 |
| 341 | \| \| \| | | | ✓ | | 900 |
| 342 | | | | ✓ | | 900 |
| 343 | Bldg 20, 21, 22 at Exterior Ceiling | | | ✓ | | 900 |
| 344 | \| \| \| | | | ✓ | | 900 |
| 345 | | | | ✓ | | 900 |
| 346 | Covered attached walkways at Roof | Roof mastic | | ✓ | Good | 6000 sf |
| 347 | \| \| \| | \| \| | | ✓ | Good | 6000SF |
| 348 | | | | ✓ | Good | 6000 sf |
| 349 | Bldg 1, 2, 3 at Roof | Roof mastic | | ✓ | Good | |

| | | |
|---|---|---|
| Sampled/Relinquished-Print/Sign: | Jose Ortiz | Date: 8/28/23 Time: |
| Received/Relinquished-Print/Sign: | Aaron Rodriguez | Date: 8-29 Time: |
| Received-Print/Sign: | Malia Delgado | Date: 8.29 Time: 2123 |

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Project #: OC164905

## ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 350 | Bldng 1,2,3 at Roof | Roof mastic | | ✓ | Good | 6000 SF |
| 351 | Bldng 1,2,3 at Roof | Roof mastic | | ✓ | Good | 6000 SF |
| 352 | Bldng 4,5,6 at Roof | Roof mastic | | ✓ | Good | 6000 SF |
| 353 | \| \| \| | \| | | ✓ | \| | \| \| |
| 354 | | | | ✓ | | |
| 355 | Bldng 7,8,9 at Roof | | | ✓ | | 6000 SF |
| 356 | \| \| \| | | | ✓ | | \| \| |
| 357 | | | | ✓ | | |
| 358 | Bldng 10,11,12 at Roof | | | ✓ | | 6000 SF |
| 359 | \| \| \| | | | ✓ | | \| \| |
| 360 | | | | ✓ | | |
| 361 | Bldng 13,14,15,16 at Roof | | | ✓ | | 6000 SF |
| 362 | \| \| \| | | | ✓ | | \| \| |
| 363 | | | | ✓ | | |
| 364 | Admin Bldng at Roof | | | ✓ | | 6000 SF |
| 365 | \| \| \| | | | ✓ | | \| \| |
| 366 | | | | ✓ | | |
| 367 | Boys & Girls Locker Room Bldng at Roof | | | ✓ | | 6000 SF |
| 368 | \| \| \| | | | ✓ | | \| \| |
| 369 | | | | ✓ | | |

| | | | |
|---|---|---|---|
| Sampled/Relinquished-Print/Sign: | Jose Ortiz | Date: 8/28/23 | Time: |
| Received/Relinquished-Print/Sign: | Aaron Rodriguez | Date: 8/29 | Time: |
| Received-Print/Sign: | Maria Delgado | Date: | Time: 2:23 |

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**Turn Around Time:**
( ) ERS ( ) 24 HRS
( ) 48 HRS ( ) 72 HRS

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## ASBESTOS FIELD BULK SAMPLE COC

| Project Name: | | | | | | Project #: OC164905 |
|---|---|---|---|---|---|---|
| **Project Address:** | | **City:** | | | | **Zip:** |
| **Sample ID** | **Sample Location** | **Material Type** | **F** | **NF** | **Condition** | **Notes** |
| 370 | Bldng 26A, 26B, 26C At Roof | Roof mastic | | ✓ | Good | 6000 SF |
| 371 | " | " | | ✓ | " | |
| 372 | " | " | | ✓ | " | |
| 373 | Bldng 23, 24, 25 At Roof | Roof mastic | | ✓ | " | 6000 SF |
| 374 | " | " | | ✓ | " | |
| 375 | " | " | | ✓ | " | |
| 376 | Bldng 17, 18, 19 At Roof | Roof mastic | | ✓ | " | 6000 SF |
| 377 | " | " | | ✓ | " | |
| 378 | " | " | | ✓ | " | |
| 379 | Bldng 27, 28, 29 At Roof | Roof mastic | | ✓ | " | 6000 SF |
| 380 | " | " | | ✓ | " | |
| 381 | " | " | | ✓ | " | |
| 382 | Bldng 20, 21, 22 at Roof | Roof mastic | | ✓ | " | 6000 SF |
| 383 | " | " | | ✓ | " | |
| 384 | " | " | | ✓ | " | |
| [redacted] | | | | | | |

| | | | |
|---|---|---|---|
| Sampled/Relinquished-Print/Sign: | Jose Ortiz | Date: 8/28/23 | Time: |
| Received/Relinquished-Print/Sign: | Aaron Rodriguez | Date: 8-29 | Time: |
| Received-Print/Sign: | Malia Delgado | Date: 8/29 | Time: 2:23 |

Page _____ of _____

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## ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 385 | Covered Attached walkway at Roof | Roll Roofing CORE gray | | ✓ | Good | 6000 SF |
| 386 | ↓ | ↓ | | ✓ | Good | ↓ |
| 387 | ↓ | ↓ | | ✓ | Good | ↓ |
| 388 | ↓ | ↓ | | ✓ | Good | ↓ |
| 389 | ↓ | ↓ | | ✓ | Good | ↓ |
| 390 | ↓ | ↓ | | ✓ | Good | ↓ |
| 391 | ↓ | ↓ | | ✓ | Good | ↓ |
| 392 | Bldng 1,2,3 at Roof | Roll Roof grey | | ✓ | Good | 6000 |
| 393 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 394 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 395 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 396 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 397 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 398 | Bldng 4, 5, 6 At Roof | Roll Roof Gray | | ✓ | Good | 6000 |
| 399 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 400 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 401 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 402 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 403 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| | | | | | | |

| | | | |
|---|---|---|---|
| Sampled/Relinquished-Print/Sign: | Jose Ortiz | Date: 8/25/22 | Time: |
| Received/Relinquished-Print/Sign: | Ramon Rodriguez | Date: 8-29 | Time: |
| Received-Print/Sign: | Malia Delgado | Date: 8/29 | Time: 2:23 |

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PATRIOT Environmental Laboratory Services, Inc.

Project #: OC164905

## ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 404 | Bldng 7,8,9 At Roof | Roll Roofing Core | | ✓ | Good | 6000 SF |
| 405 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 406 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 407 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 408 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 409 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 410 | Bldng 10,11,12 At Roof | Roll Roofing Core | | ✓ | Good | 6000 SF |
| 411 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 412 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 413 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 414 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 415 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 416 | Bldng 13,14,15,16 At Roof | Roll Roofing Core | | ✓ | Good | 6000 |
| 417 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 418 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 419 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 420 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 421 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 422 | Admin Bldng At Roof | Roll Roofing Core | | ✓ | Good | 6000 SF |
| 423 | Admin Bldng at Roof | Roll Roofing Core | | ✓ | Goo | 6000 SF |

| | | |
|---|---|---|
| Sampled/Relinquished-Print/Sign: | Jose Ortiz | Date: 8/28/23 Time: |
| Received/Relinquished-Print/Sign: | Jayon Rodriguez | Date: 8-29 Time: |
| Received-Print/Sign: | Malia Delgado | Date: 8/29 Time: 2:25 |

Lab Use Only: 989983

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Environmental Laboratory Services, Inc.

Project #: OC164905

## ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 424 | Admin Bldg At Roof | Roll Roofing Core | | ✓ | Good | 6000 SF |
| 425 | ↓ | ↓ | | ✓ | ↓ | 6000 SF |
| 426 | ↓ | ↓ | | ✓ | ↓ | 6000 SF |
| 427 | ↓ | ↓ | | ✓ | ↓ | 6000 SF |
| 428 | Boys & Girls Lockers At Roof Bldg | Roll Roofing Core | | ✓ | Good | 6000 SF |
| 429 | Boys & Girls Lockers Bldg At Roof | Roll Roofing Core | | ✓ | ↓ | 6000 SF |
| 430 | ↓ | ↓ | | ✓ | ↓ | 6000 SF |
| 431 | ↓ | ↓ | | ✓ | ↓ | 6000 SF |
| 432 | ↓ | ↓ | | ✓ | ↓ | 6000 SF |
| 433 | ↓ | ↓ | | ✓ | ↓ | 6000 SF |
| 434 | Bldg 26A, 26B, 26C At Roof | Roll Roofing Core | | ✓ | Good | 6000 SF |
| 435 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 436 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 437 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 438 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 439 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 440 | Bldg 23, 24, 25 At Roof | Roll Roofing Core | | ✓ | Good | 6000 SF |
| 441 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 442 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 443 | ↓ | ↓ | | ✓ | ↓ | ↓ |

| | | | |
|---|---|---|---|
| Sampled/Relinquished-Print/Sign: | | Date: | Time: |
| Received/Relinquished-Print/Sign: | Aaron Rodriguez | Date: 8-29 | Time: |
| Received-Print/Sign: | Malia Delgado | Date: 8/29 | Time: 2:23 |

Lab Use Only: 989983

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PATRIOT Environmental Laboratory Services, Inc.

Project #: OC164405

## ASBESTOS FIELD BULK SAMPLE COC

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 444 | Bldg 23,24,25 At Roof | Roll Roofing Core | | ✓ | Good | 6000 SF |
| 445 | Bldg 23,24,25 at Roof | Roll Roofing Core | | ✓ | Good | 6000 SF |
| 446 | Bldg 17,18,19 at Roof | Roll Roofing Core | | ✓ | Good | 6000 SF |
| 447 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 448 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 449 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 450 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 451 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 452 | Bldg 20,21,22 at Roofing | Roll Roofing Core | | ✓ | Good | 6000 SF |
| 453 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 454 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 455 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 456 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 457 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 458 | Bldg 27,28,29 At Roof | Roll Roofing Core | | ✓ | Good | 6000 SF |
| 459 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 460 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 461 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 462 | ↓ | ↓ | | ✓ | ↓ | ↓ |
| 463 | ↓ | ↓ | | ✓ | ↓ | ↓ |

| | | | |
|---|---|---|---|
| Sampled/Relinquished-Print/Sign: | Jose Ortiz | Date: 8/28/23 | Time: |
| Received/Relinquished-Print/Sign: | Aaron Rodriguez | Date: 8-29 | Time: |
| Received-Print/Sign: | Malia Delgado | Date: 8.29 | Time: 2:33 |

Certificate of Analysis
**PLM Asbestos Identification**

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PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 993473
Project Number: OC164905A
Project Name: Warner Middle School
Project Location: 14171 Newland Street
Westminster, 92683

Date Collected: 8/28/2023
Date Received: 9/20/2023
Date Analyzed: 9/20/2023
Date Reported: 9/21/2023

Collected By: Jose Ortiz
Claim Number: PO No: T6001220
PO Number:
Number of Samples: 36

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 993473-001<br>310B | Building 1, 2, 3 Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |
| 993473-002<br>311B | Building 1, 2, 3 Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |
| 993473-003<br>312B | Building 1, 2, 3 Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |
| 993473-004<br>313B | Building 4, 5, 6 Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |
| 993473-005<br>314B | Building 4, 5, 6 Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |

Certificate of Analysis
**PLM Asbestos Identification**

tel - 310-872-5227
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LALab@patriotlab.com
5830B Hannum Avenue, Culver City, CA 90230

PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 993473
Project Number: OC164905A
Project Name: Warner Middle School
Project Location: 14171 Newland Street
Westminster, 92683

Date Collected: 8/28/2023
Date Received: 9/20/2023
Date Analyzed: 9/20/2023
Date Reported: 9/21/2023

Collected By: Jose Ortiz
Claim Number: PO No: T6001220
PO Number:
Number of Samples: 36

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 993473-006<br>315B | Building 4, 5, 6 Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |
| 993473-007<br>316B | Building 7, 8, 9 Exterior Ceiling | Scratch Coat | White | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |
| 993473-008<br>317B | Building 7, 8, 9 Exterior Ceiling | Scratch Coat | White | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |
| 993473-009<br>318B | Building 7, 8, 9 Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |
| 993473-010<br>319B | Building 10, 11, 12 Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |

Certificate of Analysis
**PLM Asbestos Identification**

tel - 310-872-5227
free - 855-507-5227
LALab@patriotlab.com
5830B Hannum Avenue, Culver City, CA 90230

PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 993473
Project Number: OC164905A
Project Name: Warner Middle School
Project Location: 14171 Newland Street
Westminster, 92683

Date Collected: 8/28/2023
Date Received: 9/20/2023
Date Analyzed: 9/20/2023
Date Reported: 9/21/2023

Collected By: Jose Ortiz
Claim Number: PO No: T6001220
PO Number:
Number of Samples: 36

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 993473-011<br>320B | Building 10, 11, 12<br>Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |
| 993473-012<br>321B | Building 10, 11, 12<br>Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |
| 993473-013<br>322B | Building 13, 14, 15, 16<br>Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |
| 993473-014<br>323B | Building 13, 14, 15, 16<br>Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |
| 993473-015<br>324B | Building 13, 14, 15, 16<br>Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |

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Project Location: 14171 Newland Street
Westminster, 92683

Date Collected: 8/28/2023
Date Received: 9/20/2023
Date Analyzed: 9/20/2023
Date Reported: 9/21/2023

Collected By: Jose Ortiz
Claim Number: PO No: T6001220
PO Number:
Number of Samples: 36

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 993473-016<br>325B | Girls and Boys Locker Building Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |
| 993473-017<br>326B | Girls and Boys Locker Building Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |
| 993473-018<br>327B | Girls and Boys Locker Building Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |
| 993473-019<br>328B | Admin Building Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |
| 993473-020<br>329B | Admin Building Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |

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Westminster School District
Brian Johnson
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Report Number: 993473
Project Number: OC164905A
Project Name: Warner Middle School
Project Location: 14171 Newland Street
Westminster, 92683

Date Collected: 8/28/2023
Date Received: 9/20/2023
Date Analyzed: 9/20/2023
Date Reported: 9/21/2023

Collected By: Jose Ortiz
Claim Number: PO No: T6001220
PO Number:
Number of Samples: 36

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 993473-021<br>330B | Admin Building Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |
| 993473-022<br>331B | Building 26A, 26B, 26C Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |
| 993473-023<br>332B | Building 26A, 26B, 26C Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |
| 993473-024<br>333B | Building 26A, 26B, 26C Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |
| 993473-025<br>334B | Building 17, 18, 19 Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |

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Westminster School District
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Report Number: 993473
Project Number: OC164905A
Project Name: Warner Middle School
Project Location: 14171 Newland Street
Westminster, 92683

Date Collected: 8/28/2023
Date Received: 9/20/2023
Date Analyzed: 9/20/2023
Date Reported: 9/21/2023

Collected By: Jose Ortiz
Claim Number: PO No: T6001220
PO Number:
Number of Samples: 36

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 993473-026<br>335B | Building 17, 18, 19<br>Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |
| 993473-027<br>336B | Building 17, 18, 19<br>Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |
| 993473-028<br>337B | Building 23, 24, 25<br>Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |
| 993473-029<br>338B | Building 23, 24, 25<br>Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |
| 993473-030<br>339B | Building 23, 24, 25<br>Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |

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Project Number: OC164905A
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Project Location: 14171 Newland Street
Westminster, 92683

Date Collected: 8/28/2023
Date Received: 9/20/2023
Date Analyzed: 9/20/2023
Date Reported: 9/21/2023

Collected By: Jose Ortiz
Claim Number: PO No: T6001220
PO Number:
Number of Samples: 36

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 993473-031<br>340B | Building 27, 28, 29<br>Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |
| 993473-032<br>341B | Building 27, 28, 29<br>Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |
| 993473-033<br>342B | Building 27, 28, 29<br>Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |
| 993473-034<br>343B | Building 20, 21, 22<br>Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |
| 993473-035<br>344B | Building 20, 21, 22<br>Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |
| Chrysotile <0.1 % | | | | |
| **Total Asbestos** **<0.1 %** | | | | |

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Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 993473
Project Number: OC164905A
Project Name: Warner Middle School
Project Location: 14171 Newland Street
Westminster, 92683

Date Collected: 8/28/2023
Date Received: 9/20/2023
Date Analyzed: 9/20/2023
Date Reported: 9/21/2023

Collected By: Jose Ortiz
Claim Number: PO No: T6001220
PO Number:
Number of Samples: 36

| Lab/Client ID/Layer | Location | Material Description | Color | Composition (%) |
|---|---|---|---|---|
| 993473-036<br>345B | Building 20, 21, 22<br>Exterior Ceiling | Scratch Coat | Grey | 100% Non-Fibrous Material |

Chrysotile <0.1 %
**Total Asbestos** **<0.1 %**

Note: Sample(s) was/were analyzed following the EPA Point Count method using 1000 points to meet the Cal OSHA Detection Limit of 0.1%.

Peter Mai - Analyst

Ian Reyes - Laboratory Director - Approved By

Bulk sample(s) submitted was (were) analyzed in accordance with the procedure outlined in the US Federal Register 40 CFR Appendix E to Subpart E of Part 763; EPA-600/R-93/116 (Method for Determination of Asbestos in Building Materials), and EPA-600/M4-82-020 (US EPA Interim Method for the Determination of Asbestos in Bulk Insulation Samples). Samples were analyzed using Calibrated Visual Estimations (CVES); therefore, results may not be reliable for samples of low asbestos concentration levels. Samples of wall systems containing discrete and separable layers are analyzed separately and reported as composite unless specifically requested by the customer to report analytical results for individual layers. This report applies only to the items tested. Results are representative of the samples submitted and may not represent the entire material from which the samples were collected. "None Detected" means that no asbestos was observed in the sample. "<1%" (less than one percent) or Trace means that asbestos was observed in the sample but the concentration is below the quantifiable level of 1%. This report was issued by a NIST/NVLAP (Lab Code 201014-0) and CA Water Board ELAP (Cert. No. 2893) accredited laboratory and may not be reproduced, except in full without the expressed written consent of Patriot Environmental Laboratory Services, Inc. This report may not be used to claim product certification, approval or endorsement by NIST, NVLAP, CA-ELAP or any government agency..

ASB_Rep_8.23

Lab Use Only: 993473

**Turn Around Time:**
( ) ERS ( ) 24 HRS
( ) 48 HRS ( ) 72 HRS

tel - 714-899-8900
free - 888-743-0998
fax - 714-899-1188
PatriotLab.com
1041 S. Placentia Avenue, Fullerton, CA 92831

PATRIOT Environmental Laboratory Services, Inc.

## ASBESTOS FIELD BULK SAMPLE COC – Original Report # 989983

| **Project Name:** Warner Middle School | **Project #:** OC164905A | ***Office Use Only:*** ☐ **MH** |
|---|---|---|
| **Project Address:** 14171 Newland St. | **City:** Westminster | **Zip:** 92683 |

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 310B | Building 1,2,3 Exterior Ceiling | Scratch Coat | | X | Intact | |
| 311B | Building 1,2,3 Exterior Ceiling | Scratch Coat | | X | Intact | |
| 312B | Building 1,2,3 Exterior Ceiling | Scratch Coat | | X | Intact | |
| 313B | Building 4,5,6 Exterior Ceiling | Scratch Coat | | X | Intact | |
| 314B | Building 4,5,6 Exterior Ceiling | Scratch Coat | | X | Intact | |
| 315B | Building 4,5,6 Exterior Ceiling | Scratch Coat | | X | Intact | |
| 316B | Building 7,8,9 Exterior Ceiling | Scratch Coat | | X | Intact | |
| 317B | Building 7,8,9 Exterior Ceiling | Scratch Coat | | X | Intact | |
| 318B | Building 7,8,9 Exterior Ceiling | Scratch Coat | | X | Intact | |
| 319B | Building 10,11,12 Exterior Ceiling | Scratch Coat | | X | Intact | |
| 320B | Building 10,11,12 Exterior Ceiling | Scratch Coat | | X | Intact | |
| 321B | Building 10,11,12 Exterior Ceiling | Scratch Coat | | X | Intact | |
| 322B | Building 13,14,15,16 Exterior Ceiling | Scratch Coat | | X | Intact | |
| 323B | Building 13,14,15,16 Exterior Ceiling | Scratch Coat | | X | Intact | |
| 324B | Building 13,14,15,16 Exterior Ceiling | Scratch Coat | | X | Intact | |
| 325B | Girls and Boys Locker Building Exterior Ceiling | Scratch Coat | | X | Intact | |
| 326B | Girls and Boys Locker Building Exterior Ceiling | Scratch Coat | | X | Intact | |
| 327B | Girls and Boys Locker Building Exterior Ceiling | Scratch Coat | | X | Intact | |

ASAP 9/21

| | | | |
|---|---|---|---|
| **Sampled/Relinquished By:** Sign: Justin Prado | | Date: 9/19/2023 | Time: 2:17pm |
| **Samples Received By:** Sign: Peter Mai | | Date: 9/20/23 | Time: 3:55pm |

Lab Use Only: 993473

tel - 714-899-8900
free - 888-743-0998
fax - 714-899-1188
PatriotLab.com
1041 S. Placentia Avenue, Fullerton, CA 92831

PATRIOT
Environmental Laboratory Services, Inc.

Project #: OC164905A **ASBESTOS FIELD BULK SAMPLE COC**

| Sample ID | Sample Location | Material Type | F | NF | Condition | Notes |
|---|---|---|---|---|---|---|
| 328B | Admin Building Exterior Ceiling | Scratch Coat | | X | Intact | |
| 329B | Admin Building Exterior Ceiling | Scratch Coat | | X | Intact | |
| 330B | Admin Building Exterior Ceiling | Scratch Coat | | X | Intact | |
| 331B | Building 26A,26B,26C Exterior Ceiling | Scratch Coat | | X | Intact | |
| 332B | Building 26A,26B,26C Exterior Ceiling | Scratch Coat | | X | Intact | |
| 333B | Building 26A,26B,26C Exterior Ceiling | Scratch Coat | | X | Intact | |
| 334B | Building 17,18,19 Exterior Ceiling | Scratch Coat | | X | Intact | |
| 335B | Building 17,18,19 Exterior Ceiling | Scratch Coat | | X | Intact | |
| 336B | Building 17,18,19 Exterior Ceiling | Scratch Coat | | X | Intact | |
| 337B | Building 23,24,25 Exterior Ceiling | Scratch Coat | | X | Intact | |
| 338B | Building 23,24,25 Exterior Ceiling | Scratch Coat | | X | Intact | |
| 339B | Building 23,24,25 Exterior Ceiling | Scratch Coat | | X | Intact | |
| 340B | Building 27,28,29 Exterior Ceiling | Scratch Coat | | X | Intact | |
| 341B | Building 27,28,29 Exterior Ceiling | Scratch Coat | | X | Intact | |
| 342B | Building 27,28,29 Exterior Ceiling | Scratch Coat | | X | Intact | |
| 343B | Building 20,21,22 Exterior Ceiling | Scratch Coat | | X | Intact | |
| 344B | Building 20,21,22 Exterior Ceiling | Scratch Coat | | X | Intact | |
| 345B | Building 20,21,22 Exterior Ceiling | Scratch Coat | | X | Intact | |
| | | | | | | |
| | | | | | | |

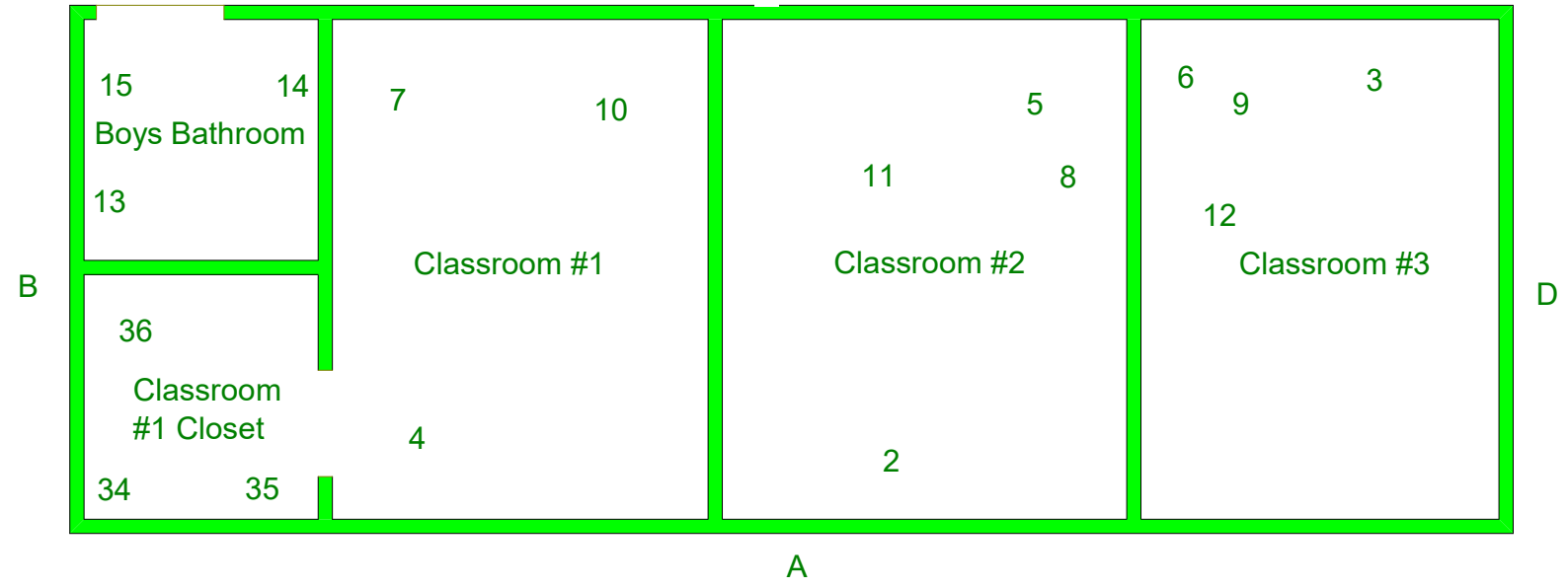
| | |
|---|---|
| Sampled/Relinquished-Print/Sign: Justin Prado | Date: 9/19/2023 Time: 2:17pm |
| Received/Relinquished-Print/Sign: Peter Ma | Date: 9/20/23 Time: 3:55pm |
| Received-Print/Sign: | Date: Time: |

Sample Location Drawing
(Drawing Not To Scale)

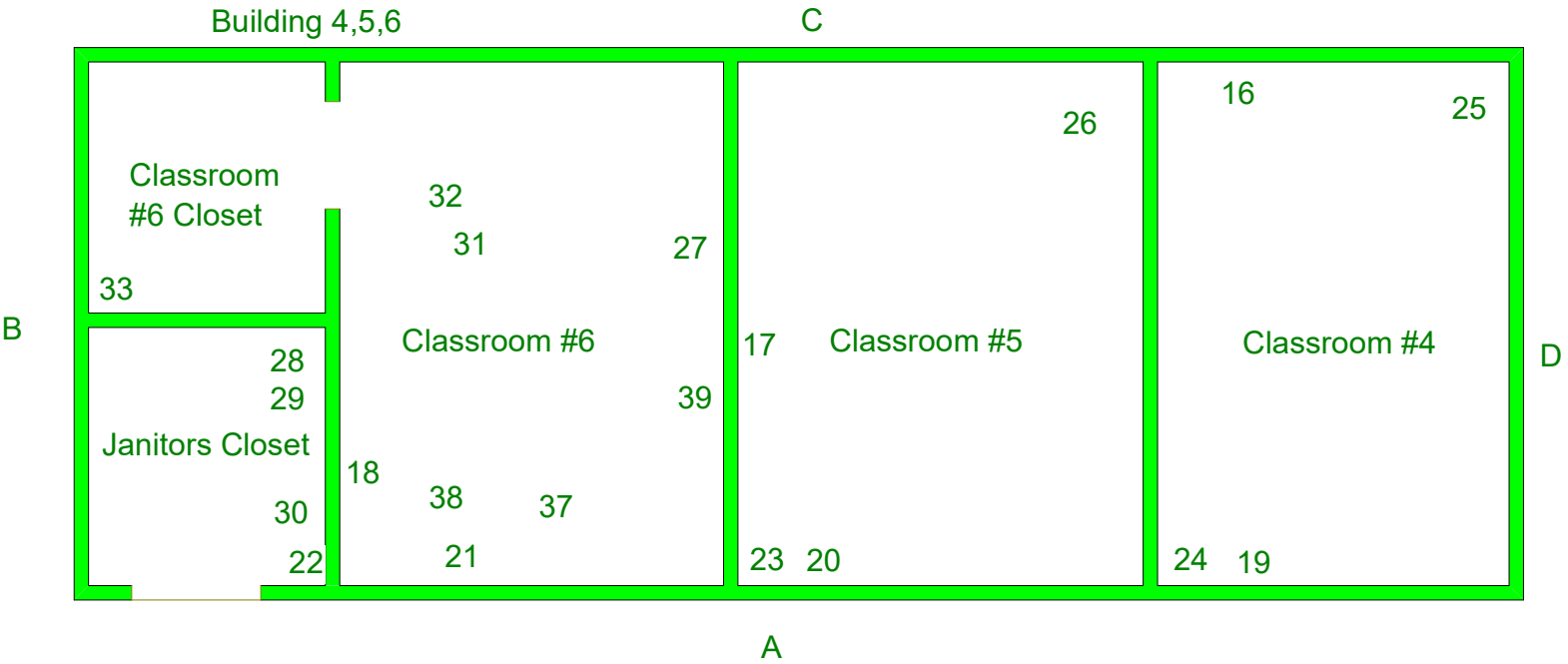
Warner Middle School
14171 Newland Street
Westminster, CA 92683

Project No: OC164905

Building 1,2,3




Building 4,5,6

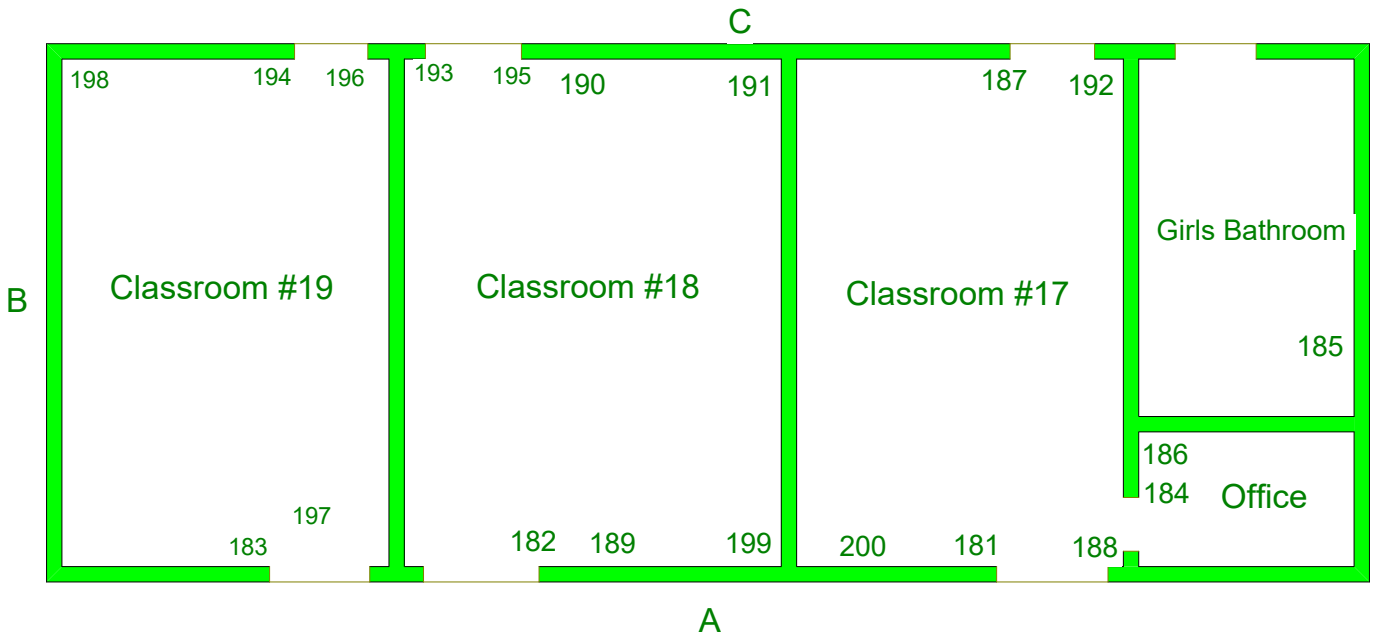


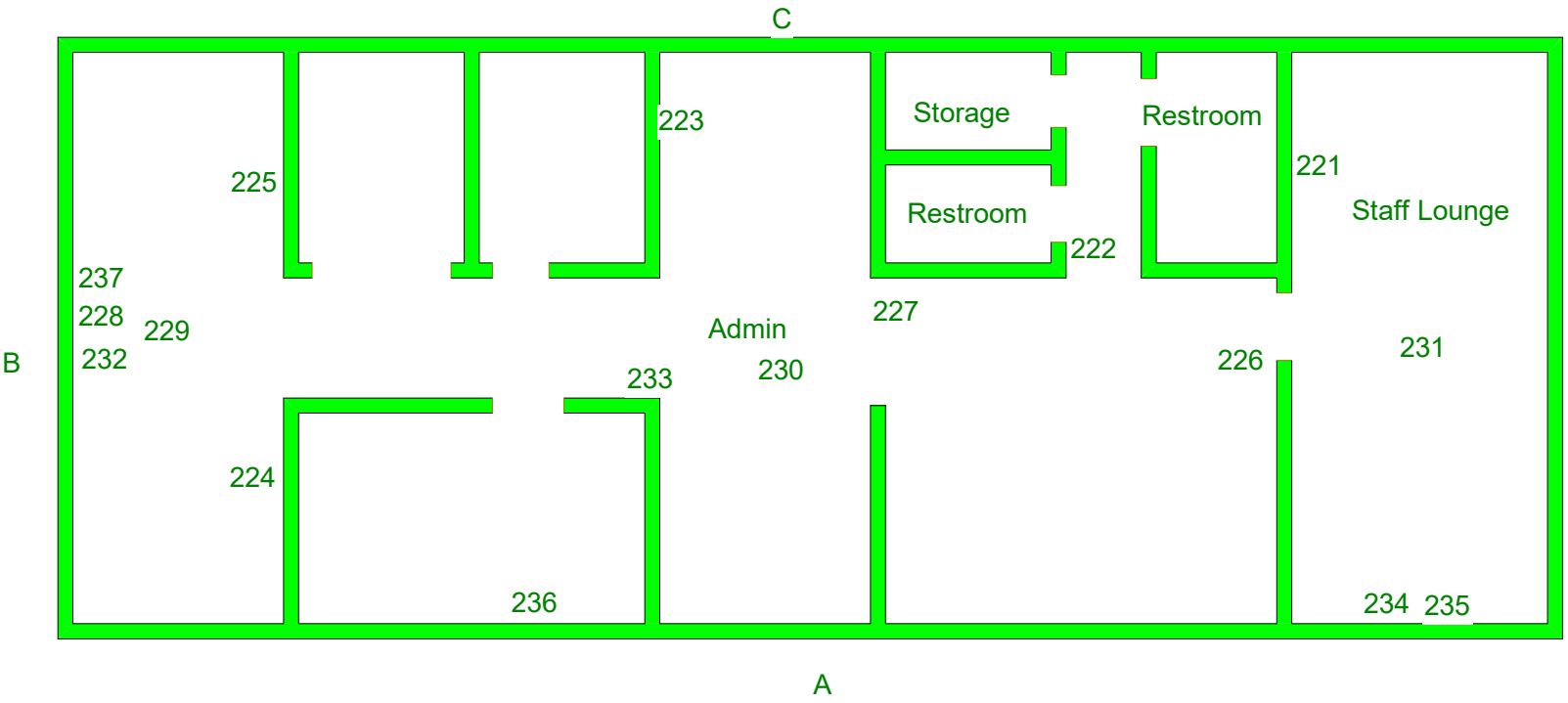

Note: Entries to each room or room equivalent is Side "A" for building interiors.
Sides B, C & D proceed clockwise from side A.

Warner Middle School
14171 Newland Street
Westminster, CA 92683

Project No: OC164905

Sample Location Drawing
(Drawing Not to Scale)



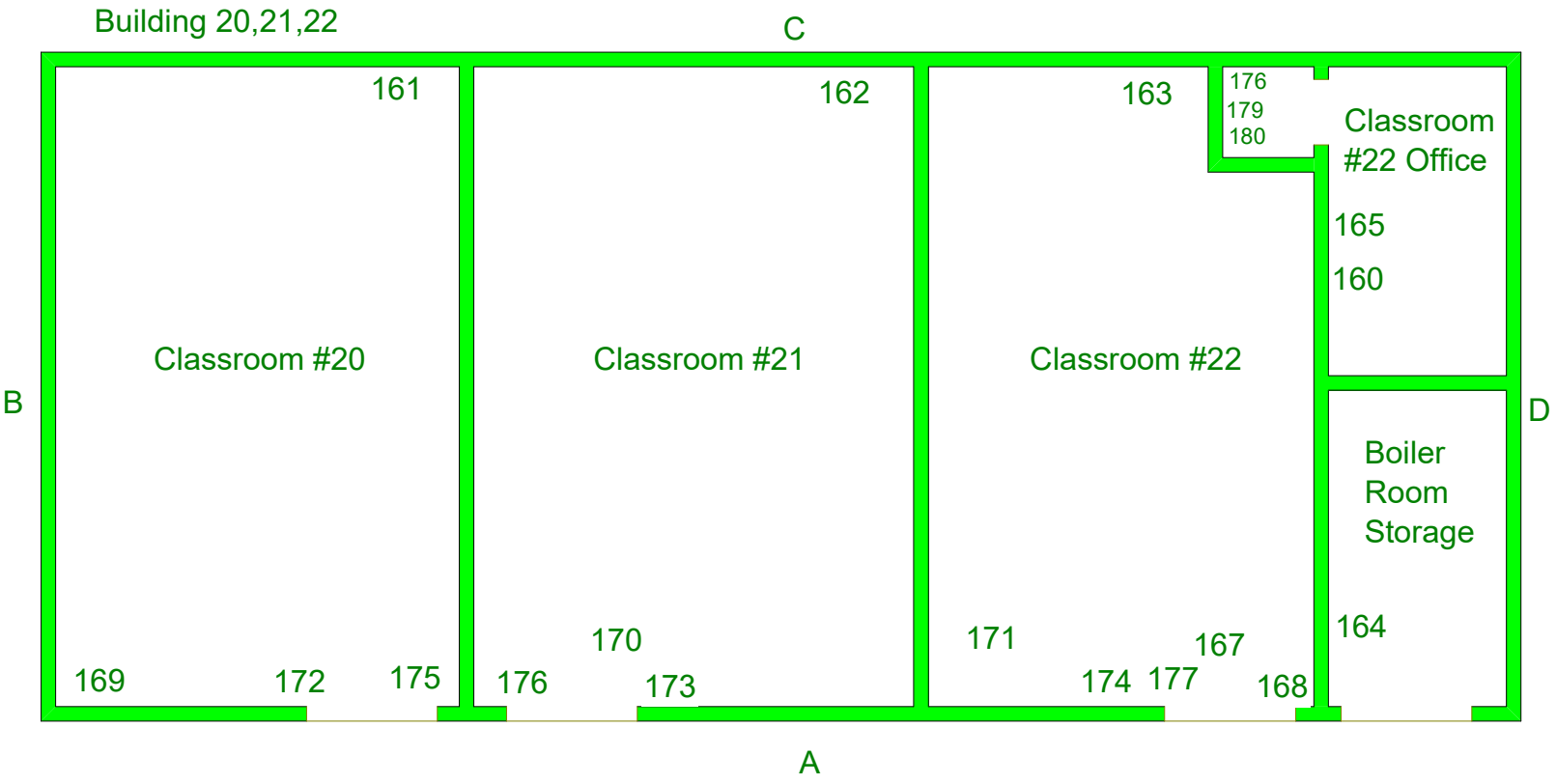




Note: Entries to each room or room equivalent is Side "A" for building interiors.
Sides B, C & D proceed clockwise from side A.

Warner Middle School
14171 Newland Street
Westminster, CA 92683

Project No: OC164905

Sample Location Drawing
(Drawing Not To Scale)



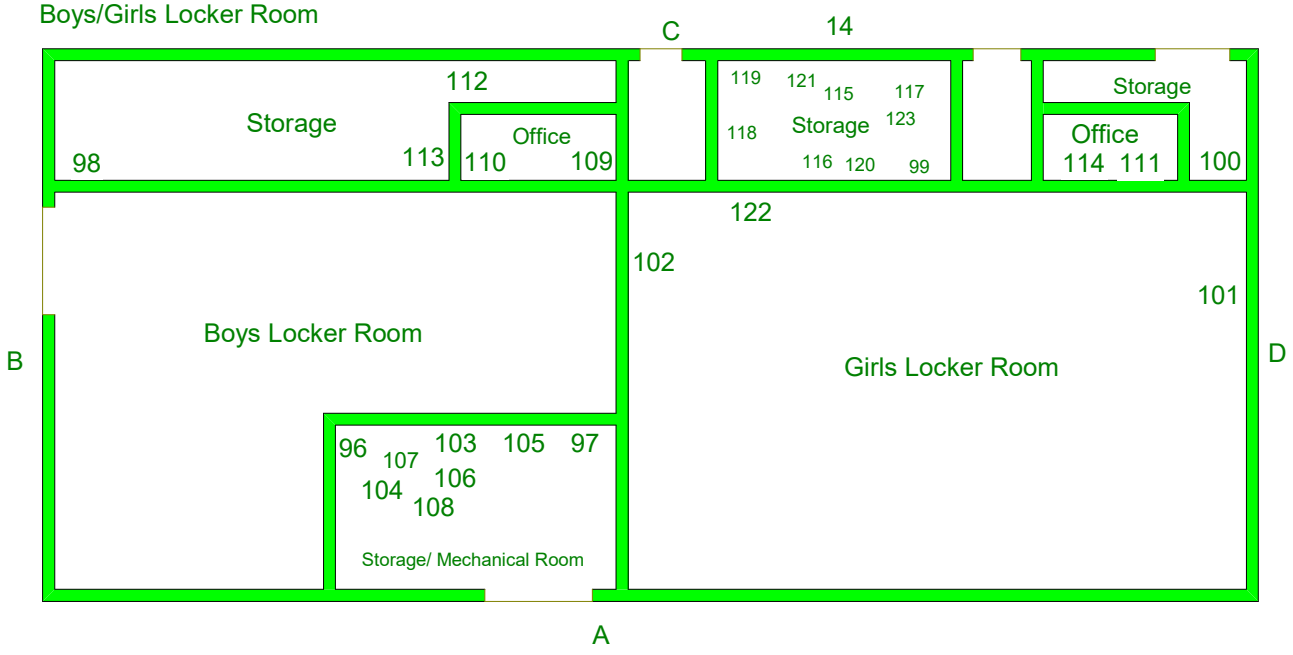

Note: Entries to each room or room equivalent is Side "A" for building interiors.
Sides B, C & D proceed clockwise from side A.

Sample Location Drawing
(Drawing Not To Scale)

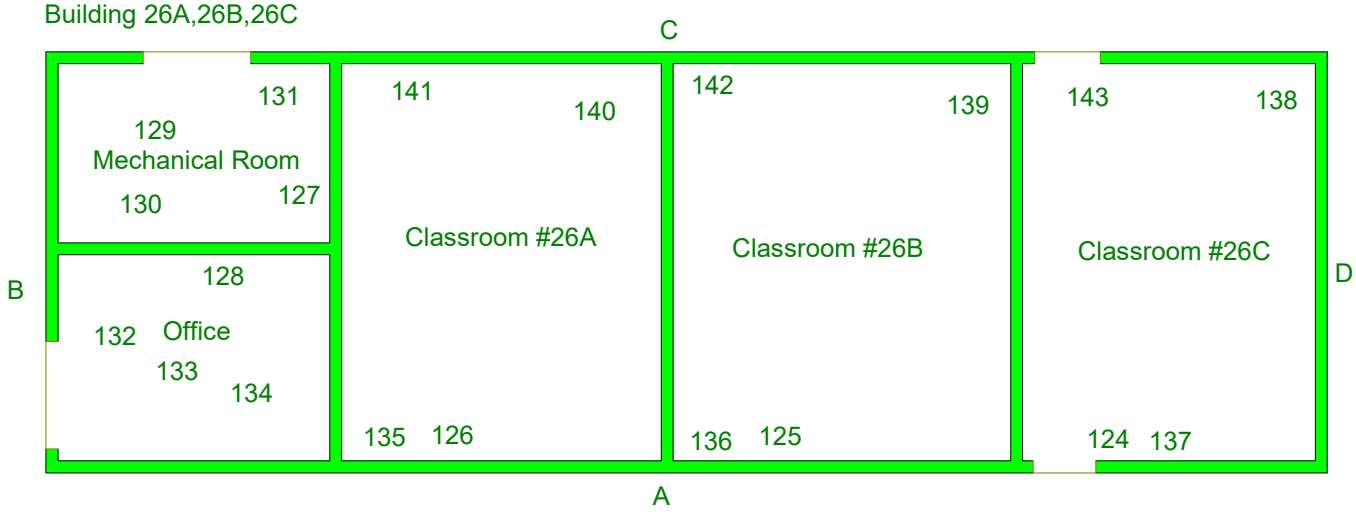
Warner Middle School
14171 Newland Street
Westminster, CA 92683

Project No: OC164905

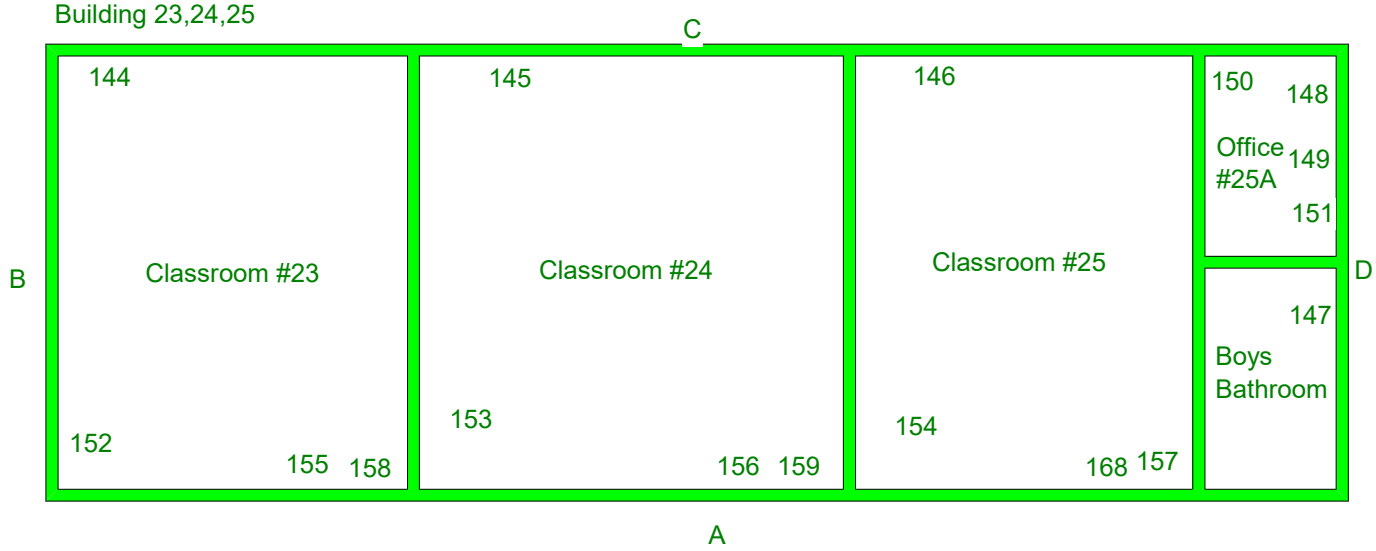
Boys/Girls Locker Room




Building 26A,26B,26C




Building 23,24,25

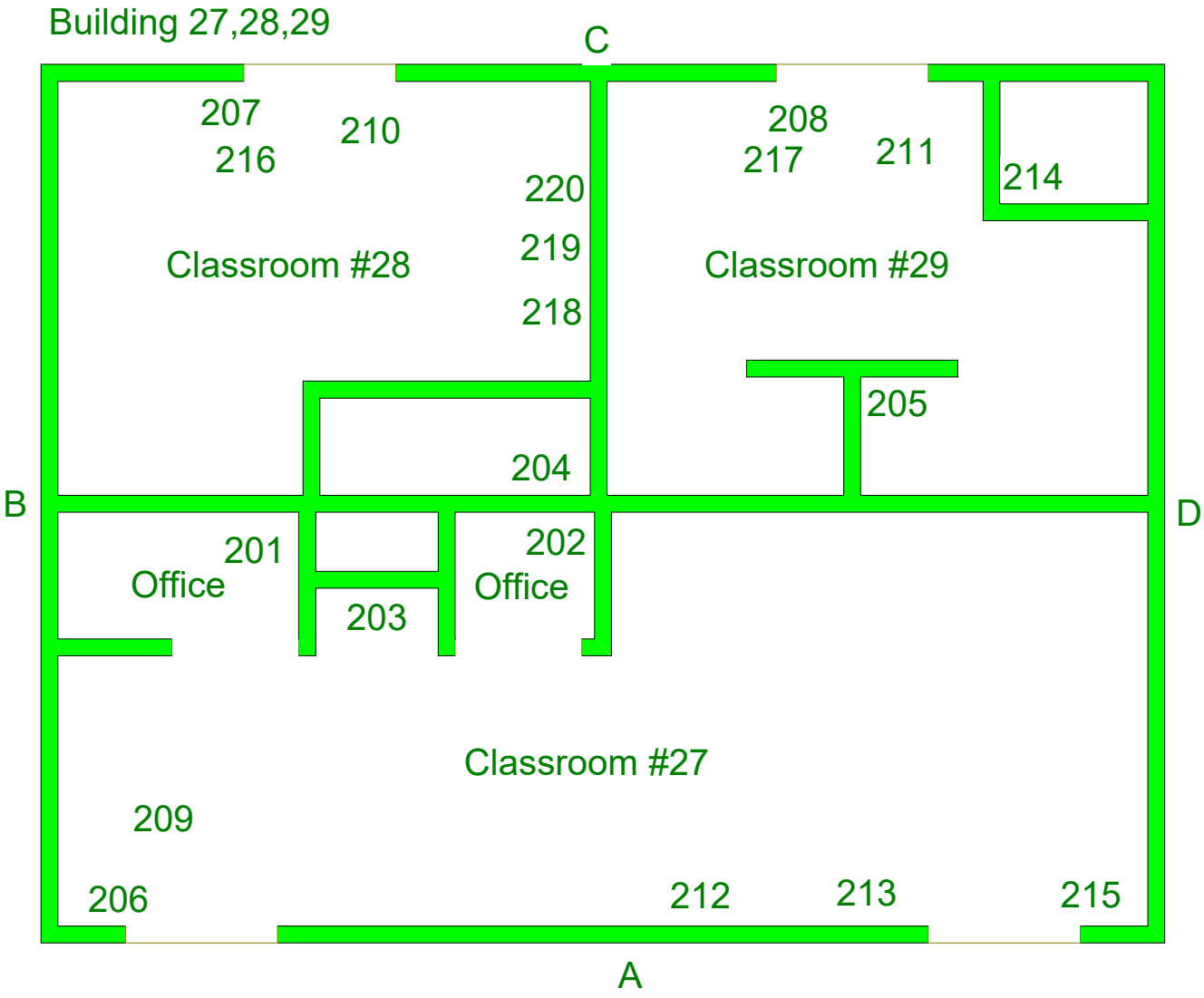



Note: Entries to each room or room equivalent is Side "A" for building interiors.
Sides B, C & D proceed clockwise from side A.

Sample Location Drawing
(Drawing Not To Scale)

Warner Middle School
14171 Newland Street
Westminster, CA 92683

Project No: OC164905



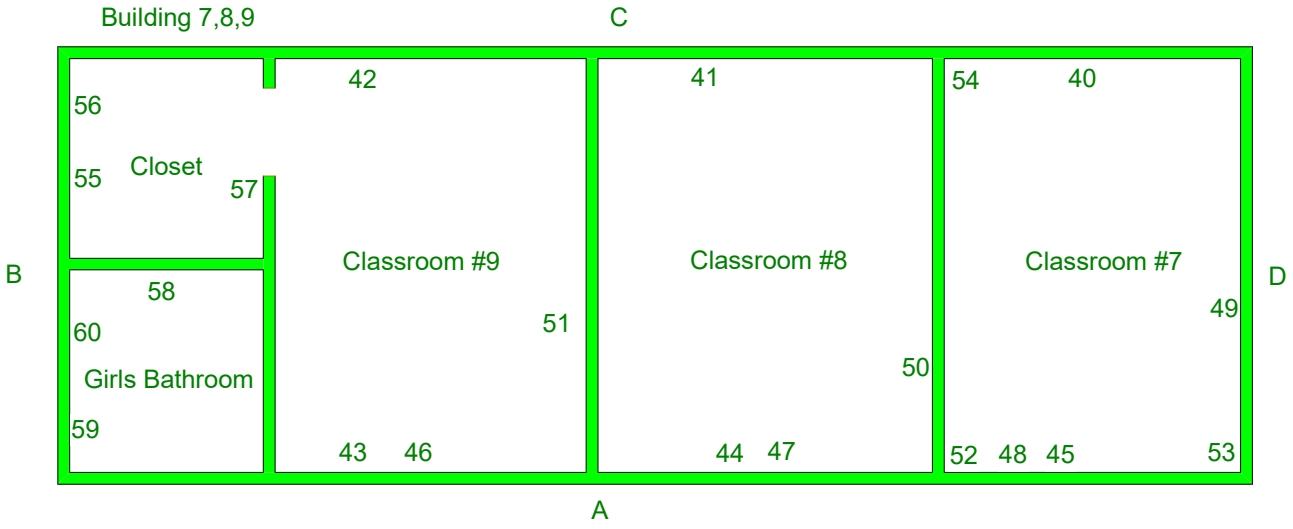

Note: Entries to each room or room equivalent is Side "A" for building interiors. Sides B, C & D proceed clockwise from side A.

Sample Location Drawings
(Drawing Not To Scale)

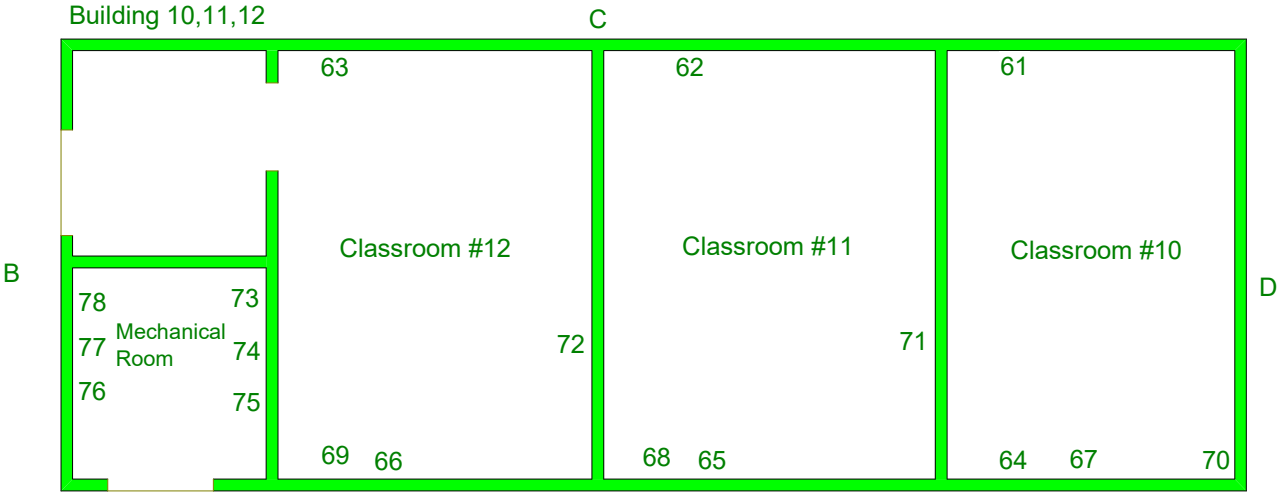
Warner Middle School
14171 Newland Street
Westminster, CA 92683

Project No: OC164905

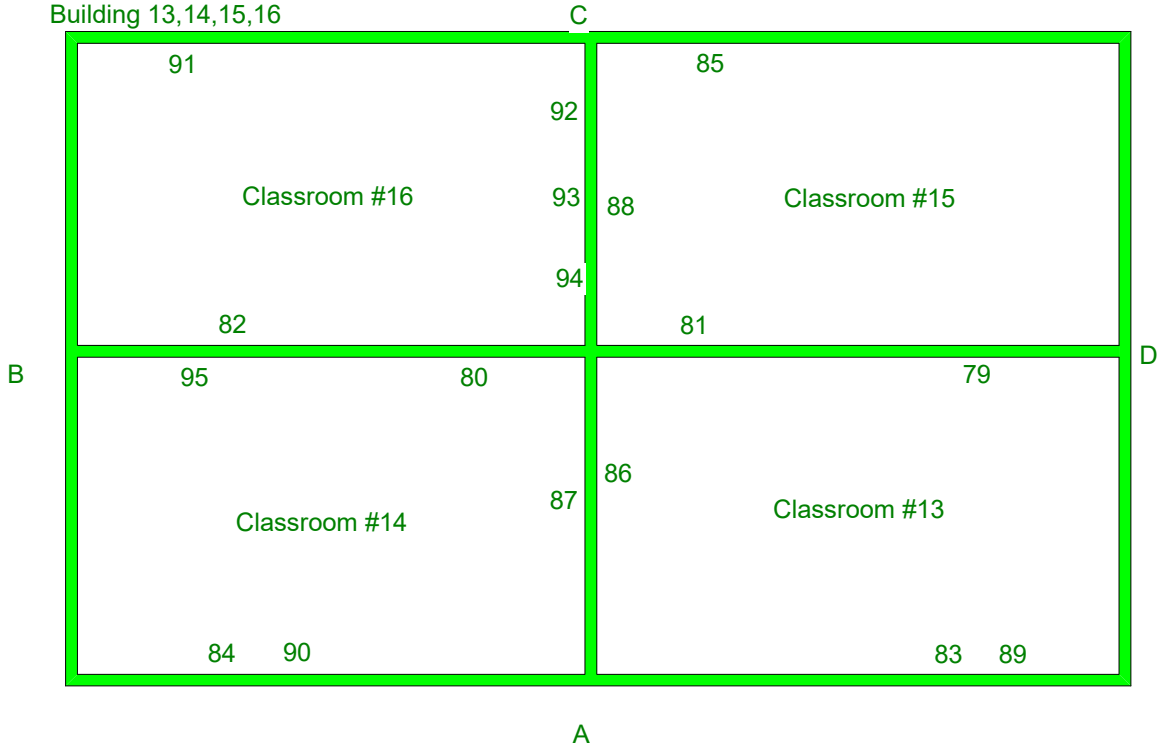
Building 7,8,9




Building 10,11,12




Building 13,14,15,16




Note: Entries to each room or room equivalent is Side "A" for building interiors.
Sides B, C & D proceed clockwise from side A.

**Jose Martinez Ortiz**
Certified Site Surveillance Technician Card

CSST #19-6551

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

**Jose Martinez Ortiz**
Name

Certification No. **19-6551**

Expires on **11/13/23**

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

ECOLOGICS™ TRAINING INSTITUTE

CERTIFICATE NUMBER
**65874**

*Certificate of Attendance*

*This is to Certify that*

**JOSE MARTINEZ ORTIZ**

*Has Completed the Course of*

**AHERA ASBESTOS ABATEMENT BUILDING INSPECTOR 4 HR. REFRESHER COURSE CA-014-06**

UNDER TSCA 206, FOR PURPOSES OF COMPLIANCE WITH 29 CFR 1926.1101 AND TITLE 8 CCR 1529 AND TITLE 8 CCR 5208.

**ARMANDO DUCOING**
DIRECTOR

| September 09, 2022 | E090922BIR 090922 | September 09, 2023 |
|---|---|---|
| COMPLETION DATE | CLASS NUMBER / STARTING DATE | CERTIFICATE EXPIRES |

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CERTIFICATE NUMBER
**40145**

*Certificate of Attendance*

*This is to Certify that*

**JOSE MARTINEZ ORTIZ**

*Has Completed the Course of*

**AHERA ASBESTOS ABATEMENT CONTRACTOR/SUPERVISOR 8 HR. REFRESHER COURSE CA-014-04**

UNDER TSCA 206, FOR PURPOSES OF COMPLIANCE WITH 29 CFR 1926.1101 AND TITLE 8 CCR 1529 AND TITLE 8 CCR 5208.

**ARMANDO DUCOING**
DIRECTOR

| August 04, 2023 | E080423CSR 080423 | August 04, 2024 |
|---|---|---|
| COMPLETION DATE | CLASS NUMBER / STARTING DATE | CERTIFICATE EXPIRES |

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**Johana Quintana Hernandez**
Certified Asbestos Consultant Card

CAC #19-6487

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

Name: Johana C Quintana Hernandez

Certification No. 19-6487

Expires on 05/14/24

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

# Certificate Of Completion

## Asbestos Contractor/Supervisor Refresher Course

DOSH #:CA-015-04

**Johana Quintana-Hernandez**

ASR0519230025N35308

| Course Start Date | Course End Date | Exam Date | Expiration Date |
|---|---|---|---|
| 5/19/2023 | 5/19/2023 | 5/19/2023 | 5/19/2024 |

Robert Cisneros, Principal Instructor

Michael W. Horner, Training Director

This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California

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Important Industry Contacts
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CDPH/CLPPB: Ph# (510) 620-5600 Web: www.cdph.ca.gov/programs/CLPPB
SCAQMD: Ph# (909) 396-3739 Fax#(909) 396-3342
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Holds Training Certification For
Asbestos Contractor/Supervisor Refresher Course
Expiration: 5/19/2024
Training Date: 5/19/2023
Certificate No. ASR0519230025N35308
Michael W. Horner, Training Director

# Certificate Of Completion

## Asbestos Building Inspector Refresher Course

DOSH #:CA-015-06

**Johana Quintana-Hernandez**

ABIR0518230027N35220

| Course Start Date | Course End Date | Exam Date | Expiration Date |
|---|---|---|---|
| 5/18/2023 | 5/18/2023 | 5/18/2023 | 5/18/2024 |

Norm Kramer, Principal Instructor

Michael W. Horner, Training Director

This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California

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Holds Training Certification For
Asbestos Building Inspector Refresher Course
Expiration: 5/18/2024
Training Date: 5/18/2023
Certificate No. ABIR0518230027N36220
Michael W. Horner, Training Director

# Certificate Of Completion

## Asbestos Management Planner Refresher Course

DOSH #:CA-015-08

**Johana Quintana-Hernandez**

AMPR0518230009N35350

| Course Start Date | Course End Date | Exam Date | Expiration Date |
|---|---|---|---|
| 5/18/2023 | 5/18/2023 | 5/18/2023 | 5/18/2024 |

Norm Kramer, Principal Instructor

Michael W. Horner, Training Director

This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California

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Asbestos Management Planner Refresher Course
Expiration: 5/18/2024
Training Date: 5/18/2023
Certificate No. AMPR0518230009N35350
Michael W. Horner, Training Director

# Certificate Of Completion

## Asbestos Project Designer Refresher Course

DOSH #:CA-015-10

**Johana Quintana-Hernandez**

APDR0517230003N35408

| Course Start Date | Course End Date | Exam Date | Expiration Date |
|---|---|---|---|
| 5/17/2023 | 5/17/2023 | 5/17/2023 | 5/17/2024 |

David Wallach, Principal Instructor

Michael W. Horner, Training Director

This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California

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Holds Training Certification For
Asbestos Project Designer Refresher Course
Expiration: 5/17/2024
Training Date: 5/17/2023
Certificate No. APDR0517230003N35408
Michael W. Horner, Training Director