EL MONTE UNION HIGH SCHOOL DISTRICT

Purchasing Department

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January 29, 2025

TO	:	All Bidders
FROM	:	El Monte Union High School District
BID #	:	2024-25 (B6)
PROJECT	:	Roof Replacement at Arroyo High School and El Monte High School
SUBJECT	:	Addendum No. 2

The following changes, omissions, and/or additions to the Project Manual and/or Drawings shall apply to proposals made for and to the execution of the various parts of the work affected thereby, and all other conditions shall remain the same.

Careful note of the Addendum shall be taken by all parties of interest so that the proper allowances may be made in strict accordance with the Addendum, and that all trades shall be fully advised in the performance of the work which will be required of them.

Bidder shall acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject Bidder to disqualification.

In case of conflict between Drawings, Project Manual, and this Addendum, this Addendum shall govern.

Request for Substitution/RFI

RFI #1:

Q: Is GAF EverGuard PVC tan 60ml adhered acceptable as an equivalent roof material manufacturer (product data sheet attached) in lieu of the specified basis of design Sika Sarnafil G410-60ml PVC tan adhered?

A: The submitted alternative membrane does not comply with the specified requirements, which include:

- ASTM D4434 Type II Grade 1 fiberglass-reinforced membrane.
- A textured membrane.
- A minimum membrane thickness of 60 mils.

The Product Data sheet provided indicates the following deficiencies:

- The membrane thickness is described as "approximate."
- It is classified as Type III, not Type II fiberglass-reinforced.

- There is no mention of the membrane being textured.

As such, the substitution request for the GAF PVC Membrane Roofing is not acceptable for the following reasons:

1. The substitution request is incomplete (Section 075430 - 1.5 B).
2. The proposed GAF membrane is not Type II fiberglass-reinforced (Section 075430 - 1.1 B.6 and 2.2 D).
3. The proposed GAF membrane does not meet the minimum 60 mil thickness requirement (Section 075430 - 2.2 A, C, and E).
4. The proposed GAF membrane is not textured as specified (Section 075430 - 1.1 B.6 and 2.2 B).

Attachments

1. 075430 – Adhered Thermoplastic PVC Feltback Membrane Roofing
2. EMHS Overhang Roofing Asbestos Report
3. AHS Overhang Roofing Asbestos Report
4. EMHS PB Sample Report
5. AHS PB Sample Report

END OF ADDENDUM 2

SECTION 075430

ADHERED THERMOPLASTIC (PVC) FELTBACK MEMBRANE ROOFING

PART 1 – GENERAL CONDITIONS

1.1 DESCRIPTION

A. Summary:

Install an adhered thermoplastic (PVC) feltback membrane roof system, including, but not limited to, primed gypsum barrier board, PVC membrane flashings, PVC metal edge/fascia flashing, and other components to comprise a weathertight roof system. The roof system shall comply with the herein specified roofing manufacturer's standard written and detail requirements. Note: Sika Sarnafil products and system installation requirements have been utilized as the basis of design for this project.

B. System Description:

1. Remove and dispose of existing roof system; including all vertical flashings, pitch-pans and applicable sheet metal down to the structural plywood deck. All removal, hauling, and disposal procedures must be performed by a certified contractor and must meet or exceed all applicable Local and State requirements.

2. As applicable, remove asbestos containing materials (ACM) present in those components and areas of the building subject to the work of this project. The scope of the asbestos removal work shall be as required to comply with Local, State, and Federal regulations and standards. The Applicator shall obtain and pay for all licenses and permits associated with all asbestos work. The Applicator shall provide to the El Monte Union High School District (EMUHSD) Representative copies of all permits, certificates, and other related documents pertaining to the asbestos removal work.

3. As identified by the EMUHSD Representative, remove and dispose of all non-usable roof vents, roof top equipment and applicable curbs. Repair and/or replace plywood decking in accordance with Local building code requirements. Deck replacement shall match the same size and type as that of existing deck. 30 sheets of 4'x8' plywood replacement shall be included in the Base Bid price. Any required deck replacement beyond the included 30 sheets shall be reimbursed at the rate included on the project bid form. All deck replacement shall be verified by EMUHSD prior to replacement.

5. Over the properly prepared plywood roof deck, install a single layer of 1/4" thick pre-primed gypsum cover board with fiberglass mat facer. The cover board shall be installed directly over the plywood roof deck and shall be secured to the wood deck using Factory Mutual approved heavy-duty fasteners and high field strength plates at a rate of 18 attachment plates and fasteners per 4'x8' board (one (1) every 1.778 square feet). This perimeter attachment rate shall be used at all breezeway locations except corners. Corner attachment rates must be increased in accordance with Factory Mutual Data Sheets 1-28/29 requirements.

6. Install a layer of 60-mil thermoplastic (PVC) feltback Tan membrane at Classroom Building F and all walkway locations. The membrane shall be installed directly over the gypsum cover board and shall be adhered using VOC compliant, water-based adhesive. The membrane shall meet or exceed Cool Roof Rating Council (CRRC) requirements for Title 24 compliance.

7. Install new 24-Ga. “Kynar” coated GSM gutters to match existing (color and dimension) at all eave locations noted and/or currently with gutters. The new gutters shall have a two-inch (2”) wide flange for attachment to the structural plywood deck using galvanized-steel angular ring-shank nails at a spacing of six-inch (6") on-center. The face dimension of gutter shall be one and a half inches (1-1/2”) less the back dimension of gutter. One-inch (1”) wide, 16 Ga. GSM spacing straps are to be installed at 36” on-center. The straps are to provide a locking hook strip at face of gutter and shall be attached at the back top edge of gutter using metal capped grommetted fasteners set in approved urethane sealant. The strap is to be configured in a “U” shape to provide clearance for the clad metal drip edge without modification (refer to Item #8 below). Gutter end-laps are to be two-inch (2”) minimum in direction of flow, sealed with approved urethane sealant and pre-painted pop-riveted to match color of gutter. Rivets are to be installed at two-inch (2”) on-center spacing.
   Note: The new gutters shall be fabricated with a four-inch (4”) long vertical down shot sleeve which shall be tight-fitted into the existing downspouts and internally sealed using Sikaflex 1a, or pre-approved equal one-part urethane sealant. Outside diameter of gutter down shot sleeve shall be 1/16 inch less inside diameter of the downspout. Re-use existing 3” Steel Downspouts when possible. New downspouts at locations indicated shall be 1/4" thick, 3” diameter steel with welded 1/4” steel strap tab, drilled to accommodate new 16-gauge steel downspouts straps for wall attachment. All new steel must be primed and receive two coats of commercial grade exterior paint, color to be selected by the Districts Representative.

8. Install new PVC clad metal (color shall be “Copper Brown”) around entire perimeter edge. The new clad metal shall have a minimum four-inch (4") attachment flange, three-inch (3") vertical face plus one-half inch (1/2") hemmed "kick" at bottom edge. Only two-inch (2”) face dimension required at gutter locations. The edge metal shall be secured to the wood roof deck using approved fastener screws at a spacing of six-inch (6") on-center, staggered and at the face with a continuous 22-gauge metal cleat (hook strip). Install PVC membrane cover strip over metal attachment flange and roof membrane in accordance with the Roofing Manufacturer's standard written and detail requirements. Note: Install PVC clad metal covers at all vertical joints in accordance with Roofing Manufacturer’s standard requirements except where edge metal terminates into a gutter.

9. At locations were the existing 1-piece or 2-piece reglet and counterflashing are less than 8” above the finished roof deck, carefully cut and remove the existing plaster wall surface 16” above the new roof elevation leaving the vertical waterproofing felt intact. Install new reglet receiver to allow for 8” vertical roof flashing. Overlap the new reglet flashing with existing and/or new waterproofing felt and patch plaster to match existing finish. Prime and paint to match existing, two coats minimum.

10. Install new PVC membrane flashings at all perimeter parapet walls. Over the properly prepared parapet wall substrate, adhere 60-mil “asphalt-oil” resistant flashing membrane up inside vertical surface, up to bottom of existing GSM reglet receiver and terminate with approved urethane sealant behind top of membrane and fastened membrane attachment bar fastened 6” o.c. Membrane flashing shall be adhered using approved flashing adhesive at a rate not less than two gallons per 100 square feet for both the membrane and substrate surfaces combined.

11. Install new PVC membrane flashing up and over parapet walls when possible. Replace existing coping with new “Kynar” coated GSM EdgeGrip flashing. Adhered membrane flashing shall be extended over the top of the parapet wall and down the outside edge two-inches (2”) minimum. Set 20-gauge GSM retainer in sealant bed and fasten at pre-drilled attachment holes. Install snap on fascia cap and concealed joint splice plates in accordance with manufacturer requirements. Color of fascia shall be selected by Owner’s Representative from the standard “Kynar” color chart.

12. At locations with existing 8” vertical flashing, Upon completion of new adhered flashing membrane, replace existing removable GSM counter-flashing skirt with new 24 gauge “Kynar” coated GSM skirt. Skirt shall be secured with GSM securement straps to match existing. Skirt flashing end laps shall be 3” minimum, notched and sealed with approved urethane sealant.

13. At areas with new 2-piece counter flashing, install adhered PVC membrane flashing up vertical face, 8” minimum, up to the bottom of the new GSM reglet flashing. Terminate membrane flashing with extruded aluminum termination bar fastened 6” o.c. through sealant between wall surface and membrane as well as membrane and termination bar. Apply tooled sealant at top of termination bar.

14. At locations without existing GSM counter-flashing, install adhered vertical membrane flashing to the highest extent possible but not less than 8” with approved sealant between top of membrane and prepared surface. At top of membrane flashing, install new 22-gauge GSM flashing skirt with sealant between top of flashing and membrane and fastened 6” o.c. with metal cap grommetted fasteners through sealant between the flashing skirt and membrane.

15. At removable equipment curbs, install adhered 60-mil “asphalt-oil” resistant flashing membrane. Flashing membrane to be adhered to the properly prepared vertical substrate with approved flashing adhesive and carried up, over the top and down one and a half inches (1.5”) on inside of existing curb. Membrane shall be fastened 12” on center at inside of curb. Reinstall equipment to top of curb set in approved urethane sealant and secure to curb using increased diameter, metal-capped grommetted fasteners at a spacing of eight inches (8”) on-center. Where possible, use existing fastener holes when installing new fasteners. Seal any exposed fastener holes using approved urethane sealant.

16. At all non-removable equipment curbs, install adhered “asphalt-oil” resistant flashing membrane. Flashing membrane shall be adhered to properly prepared vertical substrate to the highest extent possible and terminated with 22-gauge GSM extender piece set in approved urethane sealant and fastened at 12” on center with metal-capped grommetted fasteners.

17. Existing equipment support sleepers on Building F are to be replaced with 4”x 6” pressure treated lumber, anchored to the roof deck and fully encapsulated with adhered PVC flashing membrane. New sleepers shall extend at least 8” past existing equipment at each end. Over the completed flashing, install 22-gauge GSM sleeper covers. New covers will include three-inch (3”) turn down with 1/2" minimum hemmed drip kick at the bottom. Existing all-thread and strapping attachments to be replace with new strapping attached to the new GSM covered sleepers.

18. All open (soil, vent, etc.) pipes shall be flashed utilizing "Vent Stack" detail with PVC membrane cap as indicated. Note: The use of clamps for membrane termination will not be accepted at open (non-connected) pipes.

19. All connected (conduit, gas, etc.) pipes will be flashed utilizing PVC membrane pipe flashing detail with additional 60 mil fiberglass reinforced PVC membrane storm collar set in approved sealant and clamped in place with stainless steel pipe clamp covering the primary pipe flashing.

20. At all inside and outside corner locations, install prefabricated membrane flashings only.

21. Replace existing sheet metal caps at equipment platform curbs. New galvanized sheet metal caps must be 22-gauge minimum with 4” vertical downturn and include hemmed drip kick at bottom, carried over the new vertical membrane roof flashing.

22. Reseal existing equipment anchors on sheet metal covered equipment platforms. Remove existing anchors, install approved urethane caulking/sealant in pilot hole and install new threaded anchors (oversize when possible). Seal top of anchors with approved sealant.

23. At all rooftop electrical conduit, condensate piping, gas piping, etc., install new, prefabricated thermoplastic pipe supports as manufactured by Miro Industries, or pre-approved equal. The pipe supports shall be positioned at a maximum spacing as required allowing for continuous four inch (4”) clearance above the finished roof surface. Properly secure the conduit/piping to the pipe support using approved metal straps.

24. Replace existing GSM vent flashings with new matching GSM flashing and install new adhered membrane flashings. Replace existing storm collars and vent tops with new GSM components to match existing.

25. On each building, using PVC membrane of a contrasting color over roofing, install the building identification, for example building “F”. Font shall be Arial. Building identification shall be facing the street it is addressing and be located as close to the center of the roof as possible. Building identification shall be 3-feet in height and have a 6-inch line width. A pre-manufactured stencil shall be used to mark membrane material prior to cutting and hot-air welding in place.

26. Perform all flashing and detail work in strict accordance with the roofing manufacturer’s standard written and detail requirements (as indicated within the project detail drawings and/or specification requirements, those specific project requirements shall supersede any corresponding minimum/standard requirements).

A. Work Included:

The work includes but is not necessarily limited to the installation of:

1. Existing Roof Removal
2. Substrate Preparation.
3. Tapered Roof Insulation.
4. Gypsum Cover Board.
5. Cover Board Attachment Plates and Fasteners
6. Flashing Membrane Adhesive.
7. Roof Membrane Adhesive.
8. Membrane Attachment Bars & Fasteners.
9. Thermoplastic (PVC) Feltback Roof Membrane.
10. Thermoplastic (PVC) Flashing Membrane.
11. Metal Flashings.
12. Gutters and Downspouts.
13. Sealants.
14. Equipment Access/Walkway Tread.
15. Prefabricated Pipe Supports (Miro Industries).

1.2 QUALITY ASSURANCE

A. Request for Information (RFI): To resolve conflicts or lack of definition that may create construction problems, Bidders for the Work of Section 075430 shall submit a written RFI to EMUHSD at least 15 days before Bids are due for any conflicts or omissions regarding the Work of this Section should they exist.

B. Pre-Roofing Conference and Inspection: After approval of submittals but prior to beginning installation of Work of this Section, the Owner's Representative shall hold a meeting at the site attended by the Roofing Applicator, Sheet Metal, Painting, and related Subcontractors, and the Roofing Material Manufacturer to describe in detail the roof system(s) to be installed and to establish agreement, coordination, and responsibilities among the involved trades.

C. The roofing system shall be applied only by an Applicator authorized by the specified Roofing Manufacturer prior to bid. The Applicator shall have a minimum of five (5) years documented experience with the Roofing Manufacturer. The Owner's Representative reserves the right to request a list of reference projects to verify Applicator's performance/work history. All references must be of similar size and scope and must be within 100 miles of this project.

D. The Roofing Manufacturer shall have directly produced the specified field and flashing membranes for the number of years equal to, or greater than that of the warranty term (20 years). The membrane shall have also maintained a consistent base formulation for the same number of years.

E. The Roofing Manufacturer shall have a *Sustainable Product Certification* conforming to the requirements of *NSF/ANSI 347 – Sustainability Assessment for Single Ply Roofing Membranes*. Minimum certification level established for this project is: *Platinum*.

F. Use only a Manufacturer who has initiated a post-consumer recycling program and can demonstrate a minimum of five projects where the existing PVC membrane has been removed and recycled into new roofing membrane or PVC components.

G. Membrane Manufacturer must have *Recycled Content Certification* from UL (Underwriters Laboratories) Environment.

H. Membrane thickness stated in this document refers to waterproofing membrane PVC polymer thickness. This is a non-negotiable minimum requirement.

I. Unreinforced or polyester reinforced membranes are prohibited.

J. Re-labeled / re-packaged ("Private-labeled") primary and flashing membranes will not be accepted.

K. Membrane Manufacturer must have ISO 14001 Certification and a Responsible Care Program in-place with current good standing status.

L. Membrane Manufacturer must not require the use of membrane cut edge sealant at any location. This is a maintenance item that the Owner does not accept.

M. The Manufacturer shall provide interim and final roof inspection from a directly employed dedicated team of experienced inspectors. Sales personnel may not be used for onsite inspection of installations.

1.3 PRE-INSTALLATION MEETING

A. Arrange for a Pre-Installation Meeting between the Applicator, Owner's Representative, Roofing Manufacturer's Representative, and related trades to be held at least two (2) weeks prior to the beginning of roof system installation.

B. Review contract documents, manufacturer's instructions, project conditions, and proposed methods and procedures related to installation.

1. Identify conditions that would be detrimental to proper installation.
2. Review special details, corner conditions, drainage patterns, penetrations and similar conditions of adjacent construction that will affect or impact surface preparation and installation operations.
3. Review substrates and surfaces to receive materials in order to verify compliance with specified requirements, and with manufacturer's substrate tolerance recommendations and surface preparation requirements, including flatness, levelness, damage and imperfections, and quality of attachment to structure.
4. Review limitations of floor and roof decks for structural loading both during and after installation.

C. Review governing regulations and specified requirements for certificates, inspection, reports and closeout submittals.

D. Review sequence of installation, finalize construction schedule, and verify availability of materials, installer's personnel, equipment and facilities necessary to make progress and avoid delays.

E. Review temporary protection procedures required to be followed to provide protection of stored and installed products and accessories both during and after installation.

F. Owner’s Representative shall record significant meeting discussions, agreements and disagreements, including required corrective measures and actions to be taken before work begins. Distribute copy of minutes to Owner's Authorized Representative, to each party present, and to parties who should have been present no later than 3 business days following the meeting.

G. Do not proceed with installation until all attendees, including all parties who should have been present, provide written acknowledgement of receipt and agreement to the conditions and requirements as described in the "Meeting Minutes". If disagreements cannot be successfully resolved, initiate necessary actions to remove impediments to execution of the Work and reconvene meeting at earliest available date to resolve outstanding disagreements.

1.4 PERFORMANCE REQUIREMENTS

A. General: Provide installed roofing membrane and base flashings that remain watertight; do not permit the passage of water; and resist specified uplift pressures, thermally induced movement, and exposure to weather without failure.

B. Material Compatibility: Provide roofing materials that are compatible with one another under conditions of service and application required, as demonstrated by roofing membrane manufacturer based on testing and field experience.

C. The applicator shall submit evidence that the proposed roof system meets local building code requirements and has been tested and approved or listed by the following test organizations.

1. ASCE/SEI 7 and SPRI's "Wind Load Design Guide for Fully Adhered and Mechanically Fastened Roofing Systems".
   a. Corner Design Uplift Pressure: 150 lbs. / Ft2
   b. Perimeter Design Uplift Pressure: 100 lbs. / Ft2
   c. Field-of-Roof Design Uplift Pressure: 60 lbs. / Ft2
   d. Safety Factor 1.5

2. Underwriters Laboratories, Inc.: Class A assembly

D. Energy Performance:

Low-Slope Roofs: Provide roof system with an initial Solar Reflectance Index (SRI) of not less than 100 when calculated according to ASTM E 1980 based on testing identical products by a qualified testing agency. Roof membrane (not post installation applied finish) shall comply with current California Title 24 Part 6 minimum 3-year aged solar reflectance of 0.63 and a minimum thermal emittance of 0.75 requirements.

1.5 SUBMITTALS:

A. Submittals utilizing the base specified system; Sika Sarnafil, shall be provided upon award.

1. A list of each primary component to be used in the roof system and the Manufacturer's current literature for each component.
2. Shop Drawing indicating new lumber nailers and tapered roof insulation locations, slopes and thicknesses.
3. Sample copy of Roofing Manufacturer's warranty.
4. Sample copy of Contractor's warranty.
5. Letter from Roofing Manufacturer confirming that the Contractor is an authorized applicator of the specified roof system.
6. Letter from Roofing Applicator indicating that all flashing details will be followed as indicated and specified. Any deviations shall include a shop detail with prior approval by roof system manufacturer for consideration by the District.

B. Submittals of equals (provided prior to bid for review by District and approved in writing and acknowledged by addenda)

Submit proposed equals to be considered for use on this project no less than fifteen (15) days prior to bid date. Proposed roof systems which have been reviewed and accepted will be listed in an addendum prior to bid date; only then will roof systems be accepted at bidding. All below referenced letters must be original, wet-ink signed by the proposed Roofing Manufacturer's Technical Director/Manager. Submittals shall include the following:

1. Two 12 inch x 12 inch membrane samples and two samples of each component to be used in the roofing system.
2. Manufacturer's specification matching the herein specified requirements for all Sub-Sections as described. The Manufacturer shall also provide written confirmation that all detail and flashing conditions will be installed in strict accordance with the OWNER'S Standards as indicated within this specification and otherwise stated within the Contract Documents. Acceptance of any other, non-specified manufacturer's material(s) will not be deemed as acceptance for use of said manufacturer's minimum detail and/or installation requirements.
3. Letter from the proposed Roofing Manufacturer stating that the Manufacturer has a minimum of 20 years consistent experience in directly producing the proposed roof system. The letter shall also state that the proposed Manufacturer's membrane has maintained a consistent formulation for a minimum of 20 years.
4. Letter from the Cool Roof Rating Council (CRRC) stating that the proposed PVC membrane demonstrates the required Solar Reflectance Index requirements as stated in Section 1.4 D above. Submit listing as an approved product by the CRRC.
5. Letter from proposed Roofing Manufacturer describing the specified certified polymer thickness program. Included shall be a sample copy of the proposed Manufacture's certificate for polymer thickness as specified.
6. Letter from the proposed Roofing Manufacturer confirming that it has been engaged in a post-consumer recycling program in compliance with the requirements as started in Section 1.2 F above. The proposed Roofing Manufacturer shall provide written proof that its post-consumer recycling program has achieved *UL Environmental* certification.

7. Complete list of material physical and mechanical properties for each membrane and component including; weights and thicknesses; ultimate elongation; puncture resistance; seam peel strength; breaking strength; tear strength; dimensional stability; low temperature bend; and post-consumer recycle content.
8 Sample copy of specified warranties.
   a. Manufacturer's 20-Year System Warranty (with no ponding/standing water exclusions).
   b. Contractor's Two (2) Year Warranty
9. Letter from the proposed Roofing Manufacturer confirming that the Contractor is an authorized applicator of the proposed roof system per the requirements of Section 1.2 C listed above.

1.6 PRODUCT DELIVERY, STORAGE, and HANDLING:

All products delivered to the job-site shall be in the original unopened containers or wrappings bearing all seals and approvals. Handle all materials to prevent damage. Place all materials on pallets and fully protect from moisture.

1.7 JOB CONDITIONS

A. PVC materials may be installed under certain adverse weather conditions but only after consultation with the Roofing Manufacturer, as installation time and system integrity may be affected.

B. Uninterrupted waterstops shall be installed at the end of each day's work and shall be completely removed before proceeding with the next day's work.

C. Arrange work sequence to avoid use of newly constructed roofing as a walking surface or for equipment movement and storage. Where such access is absolutely required, the prime contractor shall provide all necessary protection and barriers to segregate the work area and to prevent damage to adjacent areas. A substantial protection layer consisting of 1/2" plywood over polyester felt or 1/2" plywood over insulation board shall be provided for all new and existing roof areas which receive rooftop traffic during construction.

1.8 BIDDING REQUIREMENTS

A. Bidders Responsibility

Bidders must have held their Roofing Contractors License (C39) for a minimum of five (5) years, with a continuous "Good-Standing" status to qualify to bid on this project. Any discrepancy between measurements and conditions listed within this specification, roof plans, and details, and those actually incurred on the job will be the responsibility of the Applicator.

1.9 WARRANTIES

A. Roofing Manufacturer's 20-Year Full System Warranty: 60 MPH Windspeed Coverage

Upon successful completion of all the work to the Roofing Manufacturer's and Owner's Representative's satisfaction, the 20 Year Full System Warranty shall be issued. The System warranty shall provide Non-Penal Sum (replacement cost) coverage for the roof membrane, all associated accessories that comprise the roof system, and all contractor labor for 20 years. The warranty shall be non-prorated and shall not exclude ponding/standing water and no time limit shall be assigned for any such ponding/standing water during the warranty term. The warranty shall not exclude regular foot traffic on the roof membrane surface. Warranty shall not obligate the Owner to perform manufacturer defined maintenance work as a condition of continued warranty coverage.

B. Roofing Applicator/Contractor Two (2) Year Warranty

The Applicator/Contractor shall supply the Owner with a separate two-year workmanship warranty. In the event any work related to roofing, flashing, or metal is found to be within the Applicator/Contractor warranty term, defective or otherwise not in accordance with the Contract Documents, the Applicator/Contractor shall repair that defect at no cost to the Owner.

C. "Early Bird" warranties are not to be issued as they will not be accepted by the Owner. The above specified Warranty will be issued only upon acceptance by the Roofing Manufacturer's Technical Department and the Owner's Representative's final approval.

PART 2 - PRODUCTS

2.1 GENERAL

A. The components of the adhered PVC textured membrane roof system are to be products of Sika Sarnafil and/or products utilized by Sika Sarnafil to designate type, quality, and performance standards for this project.

B. Substitutions: Upon pre-approval in accordance with Section 1.5 B above.

2.2 MANUFACTURER AND MEMBRANE

A. Sika Sarnafil:G410 60-mil Guaranteed Thickness PVC (Western Region Contact:(909) 942-0079)

B. G410-60: Fiberglass reinforced Feltback membrane at Classroom Building F and Breezeways.

C. Membrane shall be manufactured by Extrusion/Spread Coating process only, producing a monolithic membrane with fully encapsulated fiberglass reinforcement layer and a minimum thickness of 60- mils.

D. Membrane shall conform to ASTM D4434 (latest revision), "Standard for Polyvinyl Chloride Sheet Roofing". Classification: Type II Grade I (fiberglass reinforcement).

E. Roofing Manufacturer shall certify in writing that the product supplied for this project has a minimum polymer thickness of 60 mils. ASTM +/- tolerance for membrane thickness is not accepted.

F. Membrane shall comply with California Building Code (CBC) Title 24, Section 118 requirements for solar reflectivity and emissivity. Manufacturer and membrane shall be listed in the Cool Roof Rating Council (CRRC) product listing as outlined by the Department of Energy (DOE) and the Environmental Protection Agency (EPA).

G. As manufactured, membrane shall conform to the following physical properties:

1. Color to be Tan.
2. Thickness to be 60-mil (1.50 mm) minimum.

Property	ASTM Test Method	Minimum Physical Properties Requirements
Overall Thickness, mil	D751	60
Thickness Over Scrim, mil	16	27
Reinforcing Material	--	Fiberglass
Felt Weight, oz/yd2 (feltback membrane only)	--	9
Breaking Strength, lbf/in (N)	D751	80 (356)
Elongation at Break, % M.D.(1) & C.M.D. (1)	D751	250 & 220
Seam Strength, % of original (2)	D751	Pass
Retention of Properties After Heat Aging	D3045	--
Breaking Strength, % of original	D751	Pass
Elongation, % of original	D751	Pass
Tearing Resistance, lbf (N)	D1004	17.5 (78)
Low Temperature Bend, -40F(-40C)	D2136	Pass
Accelerated Weather Test (Florescent Light UV Exposure),Hours	G154	10,000
Cracking (7x magnification)		None
Discoloration (by observation)		Negligible
Crazing (7x magnification)		None
Linear Dimensional Change, %	D1204	-0.02
Weight Change After Immersion in Water, %	D570	Pass
Static Puncture Resistance, lbf (kg)	D5602	Pass
Dynamic Puncture Resistance, ft-lbf (J)	D5635	Pass
Recycle Content	9% Pre-consume, 1% Post-consumer	

*Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions, and curing conditions.
(1) M.D. = Machine Direction, C.M.D. = Cross Machine Direction
(2) Failure occurs through membrane rupture not seam failure.

2.3 FLASHING MATERIALS

A. Wall/Curb Flashing

1. G410 Membrane: Fiberglass reinforced membrane adhered to approved substrate using Stabond adhesive. Consult Sarnafil Product Data Sheets for additional information.
2. Sarnaclad: PVC-coated, heat-weldable sheet metal. Sarnaclad is a 25 gauge, G90 galvanized metal sheet with a 20 mil (1 mm) unsupported PVC membrane laminated on one side. Consult Sarnafil Product Data Sheet for additional information.

B. Perimeter Flashing:

1. PVC Clad Metal Edge: PVC coated, heat-weldable sheet metal with continuous 22-gauge galvanized metal cleat. Sarnaclad is a 24 gauge, G90 galvanized metal sheet with a 20 mil (1 mm) unsupported PVC membrane laminated on one side. **Color shall be Copper Brown.**

C. Miscellaneous Flashing;

1. Aluminum Membrane Attachment Bar (Sarnastop)
2. Termination Reglet (Sarnareglet)
3. Pipe Boots (Sarnastack)
4. Universal Corners (Sarnacorners)
5. Flashing Membrane Adhesive (Stabond)

2.4 COVER BOARD

A. DensDeck Prime (or pre-approved equal): Fire-tested, gypsum cover board with pre-coated fiberglass mat facers. Manufactured with Eonic Technology to include the following physical properties characteristics:

1. ASTM C 1177 (Consensus Standard).
2. Board Size: 1/4" x 4' x 8'.
3. Weight (nominal): 1.2 Lbs./Ft2.
4. Surfacing: Primed Fiberglass Mat.
5. Flexural Strength, Parallel (ASTM C473): 100 lbf, minimum.
6. Flute Span (ASTM E661): 2-5/8” inches.
7. Permeance (ASTM E96): Greater than 17 perms.
8. R-Value (ASTM C518): 0.28.
9. Water Absorption (ASTM C473): Less than 5 percent of weight.
10. Surface Water Absorption (ASTM C473): Nominal 1.0 grams.
11. Compressive Strength (Applicable Sections of ASTM C472): Nominal 900 pounds per square inch.
12. Flame Spread/ Smoke Development (ASTM E84): Not more than 0 Flame Spread, 0 Smoke Development
13. Combustibility (ASTM E136): Noncombustible
14. Fire resistance rating (UL 790 and ASTM E108): Class A
15. Mold Resistance (ASTM D3273): Scored a 10

B. Tapered Expanded Polystyrene (EPS) Insulation (Crickets Only):

Rigid, tapered expanded polystyrene insulation board. Type II, 1.5# density, closed-cell foam insulation as manufactured by Atlas Thermalstar or approved equal to meet the following requirements.

1. ASTM C-578.
2. Zero Ozone Depletion Potential (ODP) form blowing agent (HCFC-free).
3. Board Size: 1/4" min. x 4' x 4'.
4. Tapered Crickets: 1/4" per foot or as indicated otherwise.

2.5 ATTACHMENT COMPONENTS

A. Membrane Adhesive, V.O.C. Compliant Water Based Adhesive (Sarnacol 2121 Adhesive): Water-based adhesive used to attach the membrane to the horizontal or near-horizontal substrate. Consult Product Data Sheets for additional information.

B. Sarnafastener #12: Corrosion-resistant #12 fastener used with attachment plate to attach cover board to wood roof deck.

C. Sarnaplate: Used with Sarnafasteners to attach cover board to roof deck. Sarnaplate is a 3 inch square or round, 26 gauge stamping of SAE 1010 steel with an AZ 55 Galvalume coating.

D. Flashing Membrane Adhesive (Stabond Adhesive): Solvent-based reactivating-type adhesive used to attach the membrane to the flashing substrate. Consult Product Data Sheets for additional information.

E. Sarnafastener-XP: Corrosion-resistant #15 fastener used with membrane attachment bar to attach membrane to wood roof deck or curbed penetrations.

F. Membrane Attachment Bar (Sarnastop): One (1) inch wide, pre-punched aluminum membrane attachment bar. Used to attach PVC membrane at all perimeter and base-angle transitions. Consult Sarnafil Product Data Sheet for additional information.

2.6 WALKWAY PROTECTION

A. Equipment Access/Walkway Tread (Sarnatred-V): Polyester reinforced, 96 mil, weldable membrane with "chevron" design. Used as a protection layer from rooftop traffic. Sarnatred-V is supplied in rolls of 39 inches wide and 50 feet long. Consult Sarnafil Product Data Sheet for additional information.

2.7 MISCELLANEOUS ACCESSORIES

A. Sealing Tape: Compressible foam with pressure-sensitive adhesive on one side. Used with metal flashings as a preventive measure against air and wind-blown moisture entry.

B. Sarnasolv: Solvent cleaner used for the general cleaning of scuff marks, etc., from the Membrane surface.

2.8 SEALANTS

A. Depending on substrates, the following sealants are options for temporary overnight tie-ins:

1. Multiple layers of roofing cement and felt.
2. Mechanical attachment with rigid bars and compressed sealant.

2.9 EQUIPMENT / PIPING SUPPORTS

A. Miro Industries, Inc.: Pillow Block or Strut Series piping supports installed over protection membrane to support roof top equipment or piping and protect new PVC Roof System.

2.10 MISCELLANEOUS FASTENERS AND ANCHORS:

A. All fasteners, anchors, nails, straps, bars, etc. shall be post-galvanized steel, aluminum or stainless steel.

PART 3 - EXECUTION

3.1 EXAMINATION:

A. Report to Owner in writing all conditions that interfere with or prevent correct installation of work of this Section.

3.2 PRE-INSTALLATION MEETING

A. Refer to Section 1.3 of this specification for meeting agenda requirements.

Discuss the following additional project aspects:

1. Safety
2. Set up
3. Construction schedule
4. Contract conditions
5. Coordination of the work
6. Structural Loading Limitations/Requirements
7. Review of Deck and/or Substrate Conditions

3.3 SUBSTRATE CONDITION

A. Applicator shall be responsible for acceptance or provision of proper substrate to receive new roofing materials.

B. Applicator shall verify that the work done under related sections meets the following conditions:

1. Roof drains and/or scuppers have been installed properly.
2. Roof curbs, equipment supports, vents and other roof penetrations are properly secured and prepared to receive new roofing materials.

3. All surfaces are smooth and free of dirt, debris and incompatible materials.
4. All roof surfaces shall be free of water.

3.4 SUBSTRATE PREPARATION

A. The roof deck and existing roof construction must be structurally sound to provide support for the new roof system. The Applicator shall load materials on the rooftop in such a manner to eliminate risk of deck overload due to concentrated weight. The Owner's Representative shall ensure that the roof deck is secured to the structural framing according to local building code and in such a manner as to resist all anticipated wind loads in that location.

3.5 SUBSTRATE INSPECTION

A. A dry, clean and smooth substrate shall be prepared to receive the new PVC membrane roof system.

B. The Applicator shall inspect the substrate for defects such as excessive surface roughness, contamination, structural inadequacy, or any other condition that will adversely affect the quality of work.

C. The substrate shall be clean, smooth, dry, free of flaws, sharp edges, loose and foreign material, oil and grease. Roofing shall not start until all defects have been corrected.

D. All roof surfaces shall be free of water.

E. PVC membrane shall be applied over compatible and accepted substrates only.

3.6 TAPERED INSULATION AND COVER BOARD INSTALLATION

A. Tapered rigid roof insulation shall be loose laid and sloped to both sides of curbed roof penetrations. Roof insulation shall be fastened concurrently with below cover board.

B. Cover board shall be fastened to the wood deck with manufacturer approved plate and heavy duty fastener at a rate according to Factory Mutual Class 1-90 and the Roofing Manufacturer's requirements for attachment rates and patterns.

3.7 INSTALLATION OF PVC ROOF MEMBRANE:

A. General

1. Roof membrane is to be adhered according to the Roofing Manufacturer and Factory Mutual's requirements.
2. Membrane overlaps shall be shingled with the flow of water where possible.
3. Lay membrane rolls perpendicular to the direction of the roof slope.
4. Tack welding of membrane full or half-width rolls for purposes of temporary restraint during installation on windy days is not permitted. Consult Roofing Manufacturer's Technical Department for further information.

5. Hot-air weld overlaps according to roofing manufacturer's Take test cuts at least 3 times per day.
6. Membrane flashings shall extend 2-1/2 inches past the membrane attachment bar and shall be hot-air welded to the field membrane as required.

3.8 HOT-AIR WELDING OF SEAM OVERLAPS :

A. All field seams shall be hot-air welded using robotic welding equipment only (no hand-held welders). Seam overlaps should be 3 inches wide except for certain details.

3.9 MEMBRANE FLASHINGS:

A. All flashings shall be installed concurrently with the roof membrane as the job progresses.

B. Stabond Adhesive for Membrane Flashings: Stabond adhesive shall be applied according to instruction found on the Product Data Sheets. The bonded sheet shall be pressed firmly in place with a hand roller.

C. All flashings shall extend a minimum of eight (8) inches above roofing level unless otherwise accepted in writing. No bitumen shall be in contact with the PVC membrane. All flashing membranes shall be mechanically fastened along the counter-flashed top edge with Sarnastop or Sarnareglet at six inches (6") on-center.

3.10 METAL FLASHINGS

A. Metal details, fabrication practices and installation methods shall conform to the applicable requirements of the following:

1. Factory Mutual Loss Prevention Data Sheet 1-49 (latest issue).
2. Sheet Metal and Air Conditioning Contractors National Association, Inc. (SMACNA) – latest issue.

B. Metal joints shall be watertight. Metal flashings shall be securely fastened into metal stud backing plates. Fasteners shall penetrate the metal studs. Counter flashings shall overlap base flashings at least four (4) inches. Hook strips shall extend past metal studs and shall be securely sealed from air entry.

3.11 PIPE SUPPORT

A. Install Miro Industries Pillow Block or Strut Series supports in accordance with International Mechanical Code – Section 305 Piping Support with maximum allowable horizontal spacing at 4 to 10 feet depending on pipe type and size

3.12 WALKWAY INSTALLATION

A. Sikaplan Walkway-20: Apply a continuous coat of Stabond adhesive to the deck sheet and the back of Walkway in accordance with Sika Sarnafil's Technical requirements and press Walkway into place with a water-filled, foam-covered roller. Hot-air weld the entire perimeter of the Walkway to the field membrane.

3.13 TEMPORARY CUT-OFF

A. Flashings shall be installed concurrently with the roof membrane in order to maintain a watertight condition as the work progresses:

1. Temporary waterstops shall be constructed to provide a 100% watertight seal.
2. Stagger of the insulation joints shall be made even by installing partial panels of insulation.
3. New membrane shall be carried into the waterstop sealant.
4. Waterstop shall be sealed to the deck and/or substrate so that water will not be allowed to travel under the new or existing roofing.
5. When work resumes, the contaminated membrane shall be cut out.
6. Sealant, contaminated membrane, insulation fillers, etc. shall be removed from work area and properly disposed of offsite. These materials shall not be used in new work.

B. If inclement weather occurs while temporary waterstop is in place, Applicator shall provide the labor necessary to monitor the situation to maintain a watertight condition.

C. If water is allowed to enter under the newly-completed roofing, the affected area shall be removed and replaced at the Applicator's expense.

3.14 FIELD QUALITY CONTROL

A. Final Roof Inspection: Arrange for roofing system manufacturer's technical personnel to inspect roofing installation on completion and submit report to Owner’s Representative.

B Repair or remove and replace components of membrane roofing system where test results or inspections indicate that they do not comply with specified requirements.

3.15 PROTECTION AND CLEANING

A. Protect membrane roofing system from damage and wear during remainder of construction period. When remaining construction will not affect or endanger roofing, inspect roofing for deterioration and damage, provide written report, with copies to the Owner’s Representative.

B. Correct deficiencies in or remove membrane roofing system that does not comply with requirements, repair substrates, and repair or reinstall membrane roofing system to a condition free of damage and deterioration at time of Contract Completion and according to warranty requirements.

END OF SECTION

HAZTRAINER MULTI-NATIONAL INC. DBA
ENVIRONMENTAL ASSISTANCE GROUP
16835 ALGONQUIN ST. #412 HUNTINGTON BEACH CA 92649
PHONE: 949-237-1036 E-MAIL: COMPLY@HAZTRAINER.COM

REPORT
of
SAMPLING FOR ASBESTOS
Conducted on

COVERED WALKWAYS /OVERHANGS
ARROYO HIGH SCHOOL
4921 N. CEDAR AVENUE
EL MONTE, CALIFORNIA 91732

Prepared for

NORMA MACIAS, DIRECTOR OF
FACILITIES, MAINTENANCE, OPERATIONS AND TRANSPORTATION
EL MONTE UNION HIGH SCHOOL DISTRICT
1003 N. DURFEE AVENUE
SOUTH EL MONTE, CALIFORNIA 91733

Prepared by

ENVIRONMENTAL ASSISTANCE GROUP
16835 Algonquin Street #412
Huntington Beach CA. 92649

Project Number: EMA1124

November 2024

Report generated by

Eldwin “Ed” Kennedy, Certified Asbestos Consultant CAC# 93-1429
and Certified Lead Professional CLP# 4092
President
Environmental Assistance Group

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I. EXECUTIVE SUMMARY

I. EXECUTIVE SUMMARY

INTRODUCTION

On November 7, 2024, Environmental Assistance Group (EAG) represented by Perry Robey (CSST #22-7026) and supervised by Eldwin “Ed” Kennedy (CAC #92-1249, LRC 00002679), collected samples of suspect asbestos roofing materials, on covered walkways and building overhangs at Arroyo High School in the El Monte Union High School District (EMUHSD). The sampling was requested by Mr. Tony Barrera, Maintenance Coordinator. The sampling was requested because of planned roof upgrades. Seventeen representative samples were collected of the roofing materials and analyzed for asbestos content.

METHOD

All samples were placed in sealed containers and transported to a NVLAP, AIHA-LAP, DHS certified, and LLC Accredited, Lab ID #101629, SGS Forensic Laboratories in Carson California. Analyses for asbestos were accomplished by polarized light microscopy (PLM). A chain of custody was attached to the sample submittal sheet. After analysis, a report of analyses results was provided for inclusion in this report.

RESULTS

Seventeen samples were collected including roll roofing with silver paint with some gray mastic patches and analyzed for asbestos. The analyses showed that all asbestos sampled materials were none detected (ND) for asbestos.

RECOMMENDATION

No special handling of the sampled materials identified as none detected (ND) is required due to the absence of asbestos.

II. ASBESTOS HOMOGENEOUS AREA FORM

HOMOGENOUS AREA/SAMPLING FORM
ASBESTOS

Page 1 of 1

CLIENT: EMUHSD

DATE: 11-7-24

SITE: ARROYO HIGH SCHOOL

PROJECT # EMA1124

SAMPLED: 11-7-24

OVERHANG ROOFING

CERT/CAC #: 93-1249

INSPECTOR: Perry Robey Signature:

CSST #: 22-7026

INSPECTOR: Eldwin Kennedy Signature:

HA	SAMPLE #	HOMOGENOUS MATERIAL	CONDI-TION	LOCATION/ SURFACE	BLDG/ SUITE	RM/#	SAMPLE LOCATION	AMT
1	EMA1124-1	Roll roofing with silver top	Good	Map – A field	M-I	Covered walkways-overhangs	6’ from W. 5’ from S.	ND
1	EMA1124-2	Roll roofing with silver top	Good	Map B field	B – C	Covered walkways-overhangs	22’ from E. 6’ from N.	ND
2	EMA1124-3	Roll roofing with gray patch	Good	Map B at pipe penetration	B – C	Covered walkways-overhangs	22’ from E. 8’ from S.	ND
1	EMA1124-4	Roll roofing with silver top	Good	Map B field	B – C	Covered walkways-overhangs	70’ from E. 10’ from S.	ND
1	EMA1124-5	Roll roofing with silver top	Good	Map C field	K	Covered walkways-overhangs	12’ from N. 6’ from W.	ND
3	EMA1124-6	Roll roofing with silver / gray patch	Good	Map D at vent cove	Cafeteria	Covered walkways-overhangs	10’ from E. 10’ from S.	ND
1	EMA1124-7	Roll roofing with silver top	Good	Map D Field	Cafeteria	Covered walkways-overhangs	20’ from W. 9’ from N.	ND
1	EMA1124-8	Roll roofing with silver top	Good	Map E Field	Bldgs. L – D N	Covered walkways-overhangs	30’ from S. 6’ from W.	ND
1	EMA1124-9	Roll roofing with silver top	Good	Map E Field	Bldgs. L – D N	Covered walkways-overhangs	90’ from E. 8’ from S.	ND
1	EMA1124-10	Roll roofing with silver top	Good	Map E Field	Bldgs. L – D N	Covered walkways-overhangs	60’ from N. 6’ from W.	ND
1	EMA1124-11	Roll roofing with silver top	Good	Field map E	Bldgs. L – D N	Covered walkways-overhangs	60’ from W. 6’ from S.	ND
1	EMA1124-12	Roll roofing with silver top	Good	At pipe penetration	Bldgs. E-F D	Covered walkways-overhangs	Map F. 65’ from E. 8’ from S.	ND
1	EMA1124-13	Roll roofing with silver top	Good	Map F at vent	Bldgs. E-F D	Covered walkways-overhangs	18’ from N. 6’ from W.	ND
1	EMA1124-14	Roll roofing with silver top	Good	Map F field	Bldgs. E-F D	Covered walkways-overhangs	18’ from S. 6’ from W.	ND

HOMOGENOUS AREA/SAMPLING FORM
ASBESTOS

Page 1 of 1

CLIENT: EMUHSD

DATE: 11-7-24

SITE: ARROYO HIGH SCHOOL

PROJECT # EMA1124

SAMPLED: 11-7-24

OVERHANG ROOFING

CERT/CAC #: 93-1249

INSPECTOR: Perry Robey

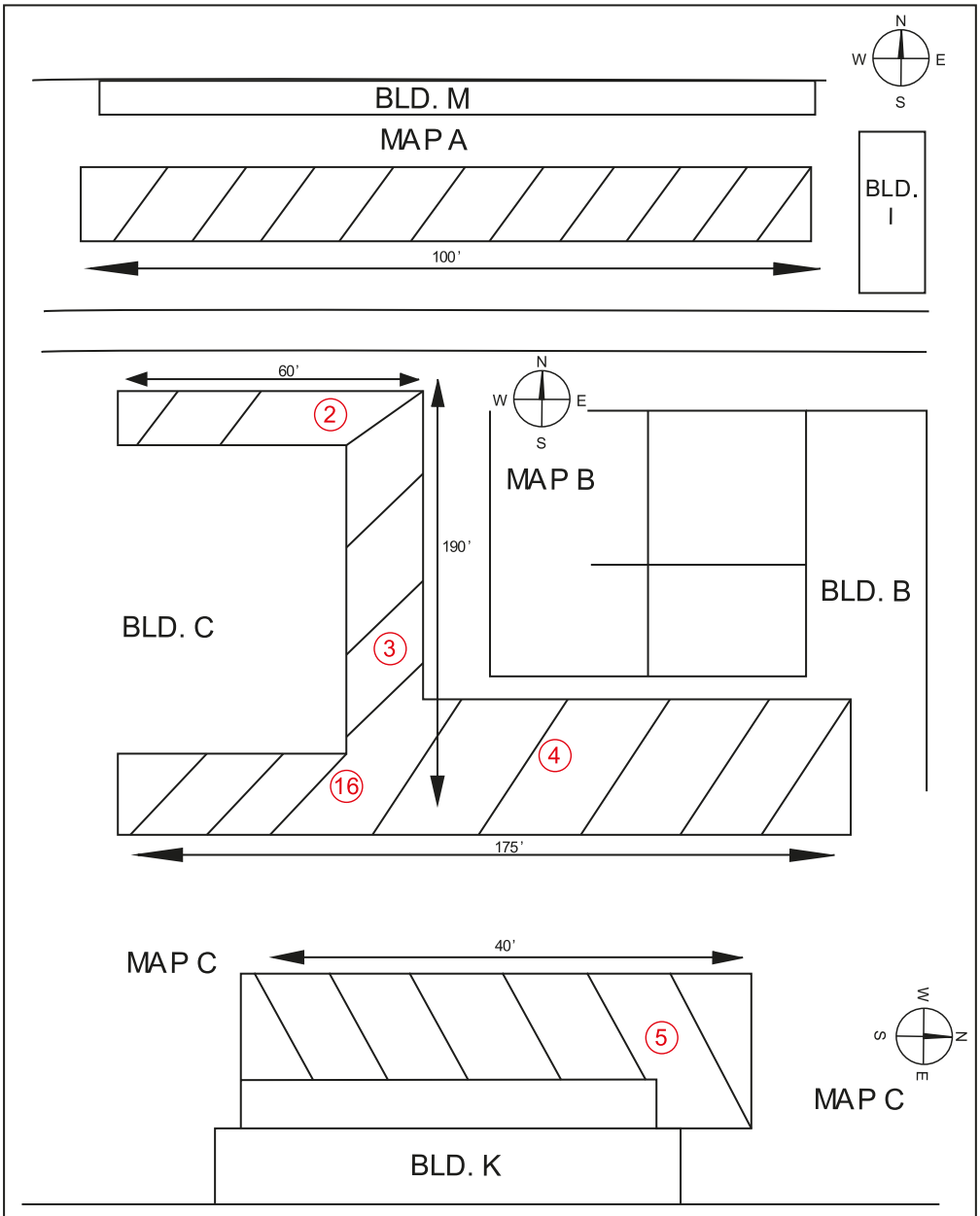
Signature:

CSST #: 22-7026

INSPECTOR: Eldwin Kennedy Signature:

HA	SAMPLE #	HOMOGENOUS MATERIAL	CONDI-TION	LOCATION/ SURFACE	BLDG/ SUITE	RM/#	SAMPLE LOCATION	AMT
1	EMA1124-15	Roll roofing with silver top	Good	Map G field	Bldg. G	Covered walkways-overhangs	6' from S. 12' from W.	ND
1	EMA1124-16	Roll roofing with silver top	Good	Map H field	Bldgs. B - P	Covered walkways-overhangs	90' from W. 12' from S.	ND
1	EMA1124-17	Roll roofing with silver top	Good	Map I field	Bldgs. D - N	Covered walkways-overhangs	15' from W. 6' from S.	ND

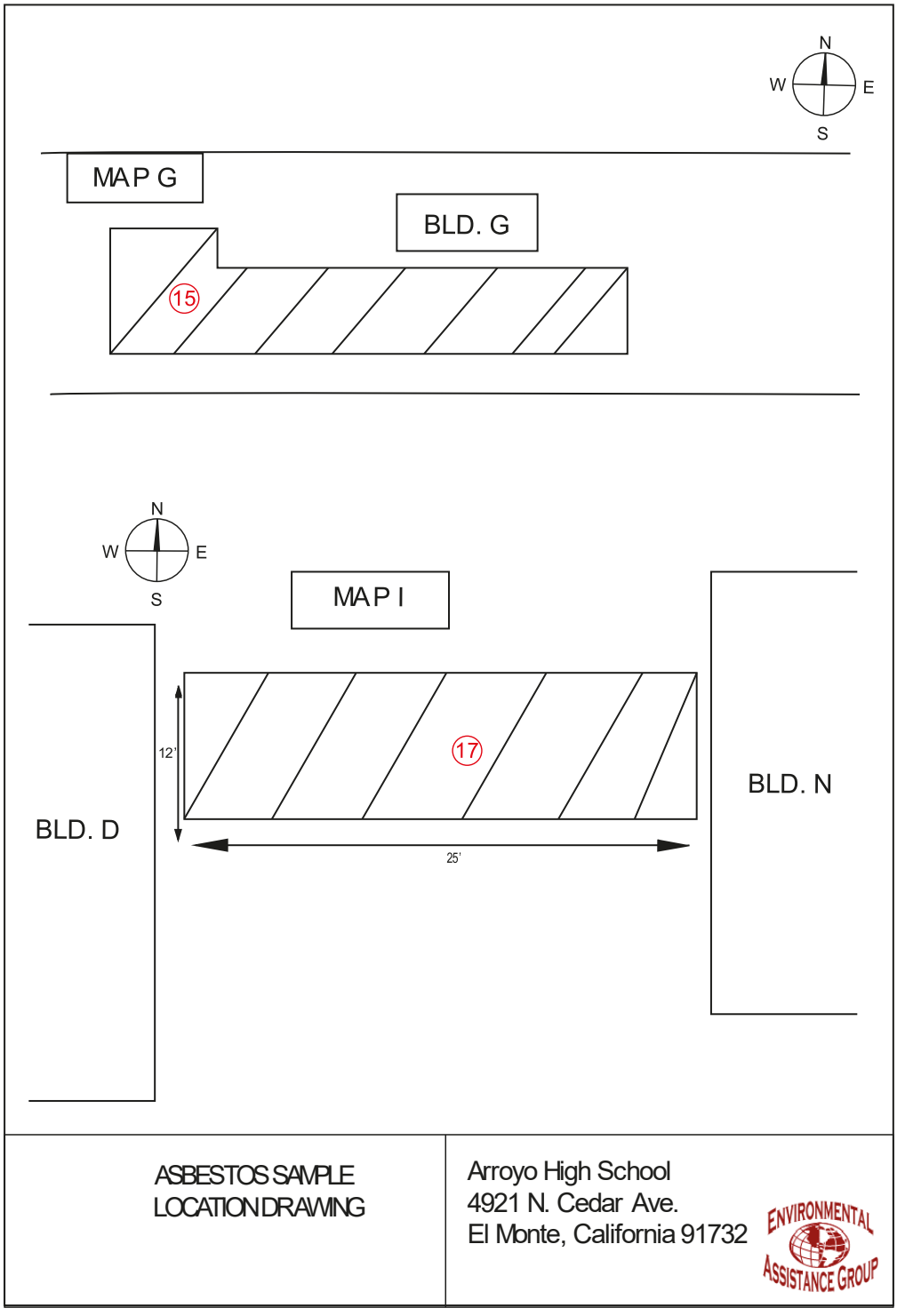
III. SAMPLE LOCATION DRAWING



ASBESTOS SAMPLE LOCATION DRAWING

Arroyo High School
4921 N. Cedar Ave.
El Monte, California 91732

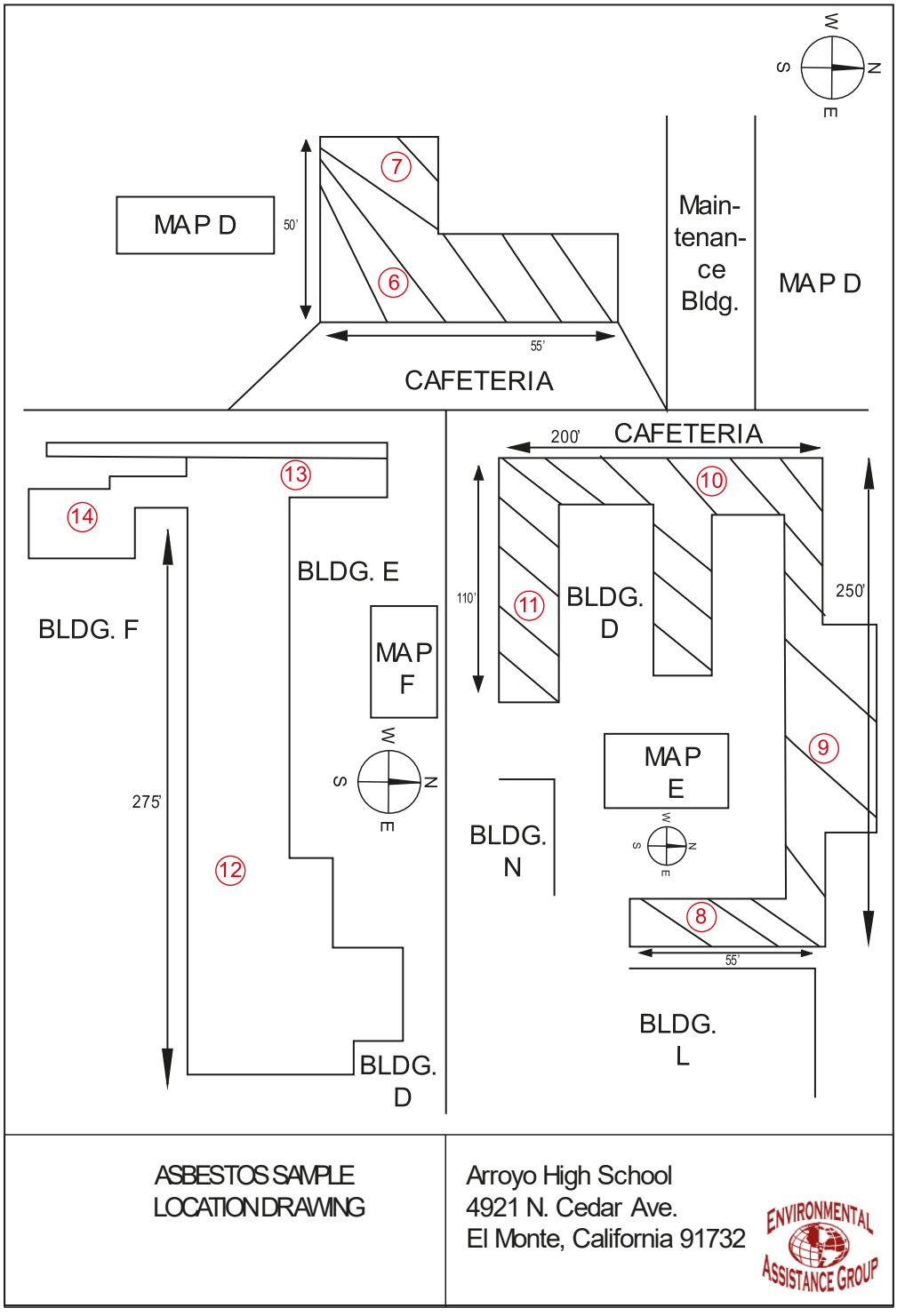
ENVIRONMENTAL ASSISTANCE GROUP



ASBESTOS SAMPLE
LOCATION DRAWING

Arroyo High School
4921 N. Cedar Ave.
El Monte, California 91732

ENVIRONMENTAL ASSISTANCE GROUP



ASBESTOS SAMPLE
LOCATION DRAWING

Arroyo High School
4921 N. Cedar Ave.
El Monte, California 91732

ENVIRONMENTAL ASSISTANCE GROUP

IV. ASBESTOS SAMPLING RESULT REPORT

Final Report

Bulk Asbestos Analysis

(EPA Method 40CFR, Part 763, Appendix E to Subpart E and EPA 600/R-93-116, Visual Area Estimation)
NVLAP Lab Code: 101459-1

Environmental Assistance Group
Ed Kennedy
16835 Algonquin St.
#412
Huntington Beach, CA 92649

Client ID: L1206
Report Number: B365602
Date Received: 11/11/24
Date Analyzed: 11/12/24
Date Printed: 11/12/24
First Reported: 11/12/24

Job ID/Site: EMA1124; Arroyo H.S. - Overhang Roofing

Date(s) Collected: 11/07/2024

SGSFL Job ID: L1206
Total Samples Submitted: 17
Total Samples Analyzed: 17

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
EMA1124-1	51798058						
Layer: Grey Roof Shingle			**ND**				
Layer: Multi-Layer Black Tars			**ND**				
Layer: Multi-Layer Black Felts			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
EMA1124-2	51798059						
Layer: Grey Roof Shingle			**ND**				
Layer: Multi-Layer Black Tars			**ND**				
Layer: Multi-Layer Black Felts			**ND**				
Layer: Silver Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
EMA1124-3	51798060						
Layer: Grey Roof Shingle			**ND**				
Layer: Multi-Layer Black Tars			**ND**				
Layer: Multi-Layer Black Felts			**ND**				
Layer: Silver Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
EMA1124-4	51798061						
Layer: Grey Roof Shingle			**ND**				
Layer: Multi-Layer Black Tars			**ND**				
Layer: Multi-Layer Black Felts			**ND**				
Layer: Silver Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							

20535 South Belshaw Avenue, Carson, CA 90746 | phone: 310.763.2374 / 800.813.9417 Fax: 310.763.4450 | https://falaboratories.sgs.com

Client Name: Environmental Assistance Group

Report Number: B365602
Date Printed: 11/12/24

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
EMA1124-5	51798062						
Layer: Grey Roof Shingle			**ND**				
Layer: Multi-Layer Black Tars			**ND**				
Layer: Multi-Layer Black Felts			**ND**				
Layer: Silver Paint			**ND**				
Layer: Brown Fibrous Material			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
EMA1124-6	51798063						
Layer: Grey Roof Shingle			**ND**				
Layer: Multi-Layer Black Tars			**ND**				
Layer: Multi-Layer Black Felts			**ND**				
Layer: Silver Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
EMA1124-7	51798064						
Layer: Grey Roof Shingle			**ND**				
Layer: Multi-Layer Black Tars			**ND**				
Layer: Multi-Layer Black Felts			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
EMA1124-8	51798065						
Layer: Grey Roof Shingle			**ND**				
Layer: Multi-Layer Black Tars			**ND**				
Layer: Multi-Layer Black Felts			**ND**				
Layer: Silver Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
EMA1124-9	51798066						
Layer: Grey Roof Shingle			**ND**				
Layer: Multi-Layer Black Tars			**ND**				
Layer: Multi-Layer Black Felts			**ND**				
Layer: Silver Paint			**ND**				
Layer: Brown Fibrous Material			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							

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Client Name: Environmental Assistance Group

Report Number: B365602
Date Printed: 11/12/24

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
EMA1124-10	51798067						
Layer: Grey Roof Shingle			**ND**				
Layer: Multi-Layer Black Tars			**ND**				
Layer: Multi-Layer Black Felts			**ND**				
Layer: Silver Paint			**ND**				
Layer: Brown Fibrous Material			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
EMA1124-11	51798068						
Layer: Grey Roof Shingle			**ND**				
Layer: Multi-Layer Black Tars			**ND**				
Layer: Multi-Layer Black Felts			**ND**				
Layer: Silver Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
EMA1124-12	51798069						
Layer: Grey Roof Shingle			**ND**				
Layer: Multi-Layer Black Tars			**ND**				
Layer: Multi-Layer Black Felts			**ND**				
Layer: Silver Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
EMA1124-13	51798070						
Layer: Grey Roof Shingle			**ND**				
Layer: Multi-Layer Black Tars			**ND**				
Layer: Multi-Layer Black Felts			**ND**				
Layer: Silver Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
EMA1124-14	51798071						
Layer: Grey Roof Shingle			**ND**				
Layer: Multi-Layer Black Tars			**ND**				
Layer: Multi-Layer Black Felts			**ND**				
Layer: Silver Paint			**ND**				
Layer: Brown Fibrous Material			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							

20535 South Belshaw Avenue, Carson, CA 90746 | phone: 310.763.2374 / 800.813.9417 Fax: 310.763.4450 | https://falaboratories.sgs.com

Report Number: B365602
Client Name: Environmental Assistance Group **Date Printed:** 11/12/24

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
EMA1124-15	51798072						
Layer: Grey Roof Shingle			**ND**				
Layer: Multi-Layer Black Tars			**ND**				
Layer: Multi-Layer Black Felts			**ND**				
Layer: Silver Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
EMA1124-16	51798073						
Layer: Grey Roof Shingle			**ND**				
Layer: Multi-Layer Black Tars			**ND**				
Layer: Multi-Layer Black Felts			**ND**				
Layer: Silver Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
EMA1124-17	51798074						
Layer: Grey Roof Shingle			**ND**				
Layer: Multi-Layer Black Tars			**ND**				
Layer: Multi-Layer Black Felts			**ND**				
Layer: Silver Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							

Vincent To, Laboratory Supervisor, Carson Laboratory

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

20535 South Belshaw Avenue, Carson, CA 90746 | phone: 310.763.2374 / 800.813.9417 Fax: 310.763.4450 | https://falaboratories.sgs.com

SGS FORENSIC LABORATORIES

Analysis Request Form (COC)

Client Name & Address: Environmental Assistance Group 16835 Algonquin Street #412 Huntington Beach CA. 92649	Client No.: L1206
PO / Job#: EMA1124	Date: 11.7.24
Turn Around Time: Same Day / 1Day / 2Day / 3Day / 4Day / 5Day	
☐ PCM: ☐ NIOSH 7400A / ☐ NIOSH 7400B ☐ Rotameter	
☒ PLM: ☒ Standard / ☐ Point Count 400 / 1000 / ☐ CARB 435	
Contact: Ed Kennedy	Phone: 661-304-8981
E-mail: comply@haztrainer.com	☐ TEM Air: ☐ AHERA / ☐ Yamate2 / ☐ NIOSH 7402 ☐ TEM Bulk: ☐ Quantitative / ☐ Qualitative / ☐ Chatfield ☐ TEM Water: ☐ Potable / ☐ Non-Potable / ☐ Weight % ☐ TEM Dust: ☐ D5755 (microvac) / ☐ D6480 (wipe)
Site Name: ARROYO H.S.	☐ IAQ Particle Identification ☐ Opaques/Char (Wildfire) ☐ Limited Particle ID (Wildfire) ☐ Special Project
Site Location: OVERHANG ROOFING	☐ Metals Analysis Matrix: Method: AA Analytes:
Comments: **Send additional report to peprby@gmail.com and marcpiher@gmail.com** 1 of 2	☐ Silica in Air ☐ w/Gravimetry ☐ Quartz Only

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY Type	Time On/Off	Avg LPM	Total Time	Sample Area / Air Volume
EMA1124-1	11.7.24		A P C				
-2			A P C				
-3			A P C				
-4			A P C				
-5			A P C				
-6			A P C				
-7			A P C				
-8			A P C				
-9			A P C				
-10			A P C				

Sampled By: [signature] Date/Time: 11.7.24 Shipped Via: ☐ Fed Ex ☐ UPS ☐ US Mail ☐ Courier ☒ Drop Off ☐ Other:

Relinquished By:	Relinquished By:	Relinquished By:
Date / Time: [signature] 11.7.24	Date / Time:	Date / Time:
Received By: Nicole Adams	Received By:	Received By:
Date / Time: 11/11/24 8m	Date / Time:	Date / Time:
Condition Acceptable? ☒ Yes ☐ No	Condition Acceptable? ☐ Yes ☐ No	Condition Acceptable? ☐ Yes ☐ No

SGS FORENSIC LABORATORIES

Analysis Request Form (COC)

Client Name & Address: Client No.: L1206

Environmental Assistance Group
16835 Algonquin Street #412
Huntington Beach CA. 92649

PO / Job#: EMA1124 Date: 11.7.24

Turn Around Time: Same Day / 1Day / 2Day / 3Day / 4Day / 5Day

☐ PCM: ☐ NIOSH 7400A / ☐ NIOSH 7400B ☐ Rotometer

☒ PLM: ☐ Standard / ☐ Point Count 400 / 1000 / ☐ CARB 435

Contact: Ed Kennedy Phone: 661-304-8981

E-mail: comply@haztrainer.com

☐ TEM Air: ☐ AHERA / ☐ Yamate2 / ☐ NIOSH 7402
☐ TEM Bulk: ☐ Quantitative / ☐ Qualitative / ☐ Chatfield
☐ TEM Water: ☐ Potable / ☐ Non-Potable / ☐ Weight %
☐ TEM Dust: ☐ D5755 (microvac) / ☐ D6480 (wipe)

Site Name: ~~EMA~~ ARROYO H. S.

Site Location: OVERHANG ROOFING

☐ IAQ Particle Identification ☐ Opaques/Char (Wildfire)
☐ Limited Particle ID (Wildfire) ☐ Special Project

☐ Metals Analysis Matrix: Method: AA
Analytes:

Comments: Send additional report to peprby@gmail.com and marcpiher@gmail.com 2 of 2

☐ Silica in Air ☐ w/Gravimetry
☐ Quartz Only

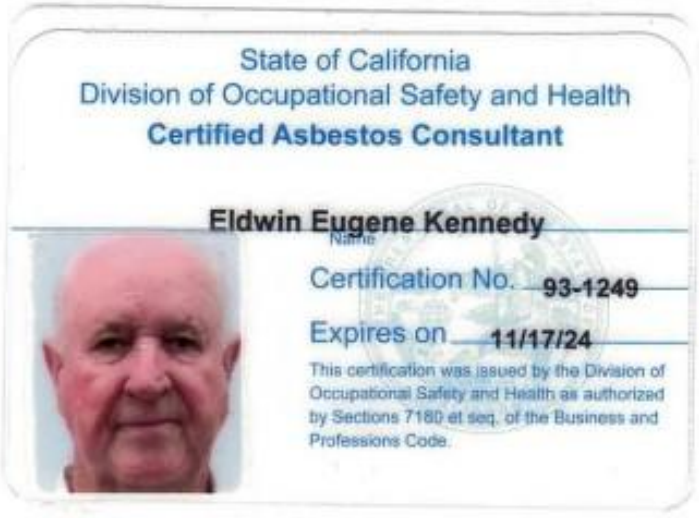
Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY: Type	Time On/Off	Avg LPM	Total Time	Sample Area / Air Volume
EMA1124-11	11.7.24		A P C				
-12			A P C				
-13			A P C				
-14			A P C				
-15			A P C				
-16			A P C				
-17			A P C				
			A P C				
			A P C				
			A P C				

Sampled By: P Roby Date/Time: 11.7.24 Shipped Via: ☐ Fed Ex ☐ UPS ☐ US Mail ☐ Courier ☒ Drop Off ☐ Other:

Relinquished By:	Relinquished By:	Relinquished By:
Date / Time: P Roby 11.7.24	Date / Time:	Date / Time:
Received By: Nicole Adame	Received By:	Received By:
Date / Time: 11/11/24 9am	Date / Time:	Date / Time:
Condition Acceptable? ☒ Yes ☐ No DLO	Condition Acceptable? ☐ Yes ☐ No	Condition Acceptable? ☐ Yes ☐ No

V. INSPECTORS CERTIFICATIONS

V. INSPECTORS CERTIFICATIONS

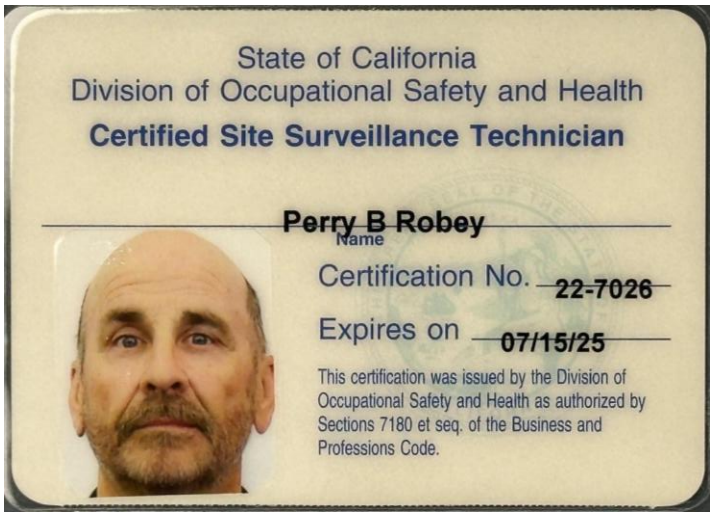

State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Eldwin Eugene Kennedy
Name

Certification No. **93-1249**

Expires on **11/17/24**

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


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

Perry B Robey
Name

Certification No. **22-7026**

Expires on **07/15/25**

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.

VI. DISCLAIMER/REPORT LIMITATIONS

VI. DISCLAIMER/ REPORT LIMITATIONS

All reports and recommendations are based on conditions and practices observed and information made available to Environmental Assistance Group (EAG) by the client and the designated sites/facilities on the days the abatement was completed. Services provided by EAG shall be governed by the standard of practice for professional services measured at the time those services are rendered.

All information contained in this report is proprietary and limited to the scope of services, parameters of the analytical methods used, and the conditions present at the time of this oversight and monitoring. Any references to quantities are considered estimates and are not to be construed as actual.

HAZTRAINER MULTI-NATIONAL INC. DBA
ENVIRONMENTAL ASSISTANCE GROUP
16835 ALGONQUIN ST. #412 HUNTINGTON BEACH CA 92649
PHONE: 949-237-1036 E-MAIL: COMPLY@HAZTRAINER.COM

REPORT OF
LEAD SAMPLING

Conducted at

ARROYO HIGH SCHOOL
COVERED WALKWAYS /OVERHANGS
4921 N. CEDAR AVENUE
EL MONTE, CALIFORNIA 91732

Prepared for

NORMA MACIAS, DIRECTOR OF
FACILITIES, MAINTENANCE, OPERATIONS AND TRANSPORTATION
EL MONTE UNION HIGH SCHOOL DISTRICT
1003 N. DURFEE AVENUE
SOUTH EL MONTE, CALIFORNIA 91733

Prepared by

ENVIRONMENTAL ASSISTANCE GROUP
16835 Algonquin St. #412
Huntington Beach Ca 92649

Project Number: EMA1124Pb

November 2024

Report generated by

Eldwin “Ed” Kennedy, Certified Asbestos Consultant CAC# 93-1429
and Certified Lead Professional CLP# 4092
President
Environmental Assistance Group

TABLE OF CONTENTS

I. EXECUTIVE SUMMARY

I. EXECUTIVE SUMMARY

INTRODUCTION

On November 7, 2024, Environmental Assistance Group (EAG) represented by Perry Robey, under the supervision of Ed Kennedy, Certified Lead Professional (CLP) and Asbestos Consultant (CAC), collected samples of suspect lead containing materials at the Overhang Walking Roof at Arroyo High School. The investigation was requested by Mr. George Cruz, Project Manager, El Monte Union High School District (EMUHSD). The sampling was requested because of planned renovations.

METHOD

Suspect lead containing paint scraped or broken off. All samples were placed in sealed containers and transported to a NVLAP, AIHA-LAP, DHS certified and LLC Accredited, Lab ID # 101629, SGS Forensic Laboratories in Carson, California. Metals Analysis of lead containing materials was accomplished by Atomic Absorption (AA). A chain of custody was attached to the sample submittal sheets. After analysis, a report of analyses results was provided for inclusion in this report.

RESULTS

Four samples of suspect materials, including red paint (1.9 percent by weight-wt.% lead) and white paint (0.32 wt.% lead), were collected from representative paint on painted beams, fascia, and tongue and groove roof deck boards. The samples collected and analyzed for lead showed that there was lead based and lead containing paint present. In LA County, lead- based paint (LBP) is 0.5 wt%. A detailed table is included in this report which describes the type and locations of sampled materials.

RECOMMENDATIONS

When lead based or lead containing paint (LBP) is disturbed, such as during roofing replacement and needed structural repairs, lead certified workers must accomplish the work. Conduct paint stabilization (removal of loose or peeling paint and sealing) and during replacement of rotted wooden sections of roof deck. During paint preparation, place polyethylene (poly) drops and mist the loose paint with water during scraping or sanding. Collect the paint chips for disposal after appropriate waste stream lead testing.

II. LEAD HOMOGENEOUS AREA FORM

LEAD SAMPLING FORM

Page 1 of 1

CLIENT: EMUHSD

DATE: 11-7-24 SITE: ARROYO HIGH SCHOOL PROJECT # EMA1124Pb

SAMPLED: 11-7-24 LEAD CERT #: LRC-00012061

LEAD CERT #: LRC-00002678

TECHNICIAN BY: Perry Robey Signature:

SUPERVISED BY: Eldwin Kennedy Signature: ID #: 4092

SAMPLE #	HOMOGENOUS MATERIAL	CONDI-TION	LOCATION/ SURFACE	BLDG/ SUITE	RM/#	SAMPLE LOCATION	AMT wt%
EMA1124Pb-1	Red paint on wood	Damaged	Wood facia	All Buildings	Bld. K	Overhang ceiling facia N.W. corner	1.9
EMA1124Pb-2	Red paint on wood	Damaged	Wood facia / Trim	All Buildings	Bld. L	Overhang facia at N.W. corner	1.7
EMA1124Pb-3	White paint on wood	Damaged	On wood T&G roof deck/ceiling of walkways	All Buildings	Bld. D	Outside Rm. 41	0.32
EMA1124Pb-4	White paint on wood	Damaged	On wood T&G roof deck/ceiling of walkways	All Buildings	Girls Lockers	Outside girls lockers room ceiling of overhang	ND

III. LEAD SAMPLING RESULTS REPORT

Final Report

Metals Analysis of Bulks - TTLC

(AIHA-LAP, LLC Accreditation, Lab ID #101629)

Environmental Assistance Group
Ed Kennedy
16835 Algonquin St.
#412
Huntington Beach, CA 92649

Client ID: L1206
Report Number: M264538
Date Received: 11/11/24
Date Analyzed: 12/11/24
Date Printed: 11/12/24
First Reported: 11/12/24

Job ID / Site: EMA1124Pb; Arroyo H.S. - Overhang Roofing Pb
Date(s) Collected: 11/7/24

SGSFL Job ID: L1206
Total Samples Submitted: 4
Total Samples Analyzed: 4

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
EMA1124PB-1	LM278246	Pb	1.9	wt%	0.1	EPA 3050B/7000B
EMA1124PB-2	LM278247	Pb	1.7	wt%	0.2	EPA 3050B/7000B
EMA1124PB-3	LM278248	Pb	0.32	wt%	0.03	EPA 3050B/7000B
Comment: Sample submission below recommended weight.						
EMA1124PB-4	LM278249	Pb	0.002	wt%	0.002	EPA 3050B/7000B

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

Vincent To, Laboratory Supervisor, Carson Laboratory

FORENSIC LABORATORIES

Analysis Request Form (COC)

Client Name & Address: Client No.: L1206

Environmental Assistance Group
16835 Algonquin Street #412
Huntington Beach CA. 92649

PO / Job#: EMA1124Pb Date: 11.7.24

Turn Around Time: Same Day / ~~1Day~~ / 2Day / 3Day / 4Day / 5Day

☐ PCM: ☐ NIOSH 7400A / ☐ NIOSH 7400B ☐ Rotometer

☐ PLM: ☐ Standard / ☐ Point Count 400 - 1000 / ☐ CARB 435

Contact: Ed Kennedy Phone: 661-304-8981

E-mail: comply@haztrainer.com

☐ TEM Air: ☐ AHERA / ☐ Yamate2 / ☐ NIOSH 7402
☐ TEM Bulk: ☐ Quantitative / ☐ Qualitative / ☐ Chatfield
☐ TEM Water: ☐ Potable / ☐ Non-Potable / ☐ Weight %
☐ TEM Dust: ☐ D5755 (microvac) / ☐ D6480 (wipe)

Site Name: ARROYO H.S.

☐ IAQ Particle Identification ☐ Opaques/Char (Wildfire)
☐ Limited Particle ID (Wildfire) ☐ Special Project

Site Location: Overhang Roofing Pb

☒ Metals Analysis Matrix: Paint Method: AA
Analytes: LEAD

Comments: **Send additional report to peprby@gmail.com and marcpiher@gmail.com** 1 of 1

☐ Silica in Air ☐ w/Gravimetry
☐ Quartz Only

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY: Type (A / P / C)	Time On/Off	Avg LPM	Total Time	Sample Area / Air Volume
EMA1124Pb-1	11.7.24						
-2							
-3							
-4							

Sampled By: P Roby Date/Time: 11.7.24 Shipped Via: ☐ Fed Ex ☐ UPS ☐ US Mail ☐ Courier ☒ Drop Off ☐ Other:

Relinquished By:	Relinquished By:	Relinquished By:
Date / Time: P Roby 11.7.24	Date / Time:	Date / Time:
Received By: Nicole Adams	Received By:	Received By:
Date / Time: 11/11/24 8AM PLO	Date / Time:	Date / Time:
Condition Acceptable? ☒ Yes ☐ No	Condition Acceptable? ☐ Yes ☐ No	Condition Acceptable? ☐ Yes ☐ No

SGS Forensic Laboratories may subcontract client samples to other SGSFL locations to meet client requests.

San Francisco Office: 3777 Depot Road, Suite 409, Hayward, CA 94545-2761 • Phone: 510/887-8828 • 800/827-3274
Los Angeles Office: 20535 South Belshaw Ave., Carson, CA 90746 • Phone: 310/763-2374 • 888/813-9417
Las Vegas Office: 6765 S. Eastern Avenue, Suite 3, Las Vegas, NV 89119 • Phone: 702/784-0040
Chicago Office: 3020 Woodcreek Drive, Suite C, Downers Grove, IL 60515 • Phone: 341/465-2464

IV. INSPECTORS CERTIFICATIONS

IV. INSPECTORS CERTIFICATIONS

California Department of PublicHealth

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:	CERTIFICATE TYPE:	NUMBER:	EXPIRATION DATE:
	Lead Inspector/Assessor	LRC-00002679	11/7/2024
	Lead Supervisor	LRC-00002678	11/7/2024

Eldwin Kennedy

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:
	Lead Sampling Technician	LRC-00012061	11/21/2024

Perry Robey

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

V. DISCLAIMER/REPORT LIMITATIONS

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All information contained in this report is proprietary and limited to the scope of services, parameters of the analytical methods used, and the conditions present at the time of this oversight and monitoring. Any references to quantities are considered estimates and are not to be construed as actual.

HAZTRAINER MULTI-NATIONAL INC. DBA
ENVIRONMENTAL ASSISTANCE GROUP
16835 ALGONQUIN ST. #412 HUNTINGTON BEACH CA 92649
PHONE: 949-237-1036 E-MAIL: COMPLY@HAZTRAINER.COM

REPORT
of
SAMPLING FOR ASBESTOS

Conducted at

COVERED WALKWAYS /OVERHANGS
EL MONTE HIGH SCHOOL
3048 N. Tyler Avenue
EL MONTE, CALIFORNIA 91732

Prepared for

NORMA MACIAS, DIRECTOR OF
FACILITIES, MAINTENANCE, OPERATIONS AND TRANSPORTATION
EL MONTE UNION HIGH SCHOOL DISTRICT
1003 N. DURFEE AVENUE
SOUTH EL MONTE, CALIFORNIA 91733

Prepared by

ENVIRONMENTAL ASSISTANCE GROUP
16835 Algonquin Street #412
Huntington Beach CA. 92649

Project Number: EMEM1124

November 2024

Report generated by

Eldwin “Ed” Kennedy, Certified Asbestos Consultant CAC# 93-1429
and Certified Lead Professional CLP# 4092
President
Environmental Assistance Group

TABLE OF CONTENTS

I. EXECUTIVE SUMMARY

I. EXECUTIVE SUMMARY

INTRODUCTION

On November 7, 2024, Environmental Assistance Group (EAG) represented by Perry Robey (CSST #22-7026) and supervised by Eldwin “Ed” Kennedy (CAC #92-1249, LRC 00002679), collected samples of suspect asbestos roofing materials, from covered walkways and building overhangs at El Monte High School in the El Monte Union High School District (EMUHSD). The sampling was requested by Mr. Tony Barrera, Maintenance Coordinator. The sampling was requested because of planned roof upgrades. Eleven representative samples were collected of the roofing materials and analyzed for asbestos content.

METHOD

All samples were placed in containers and transported to a NVLAP, AIHA-LAP, DHS certified and LLC Accredited, Lab ID #101629, SGS Forensic Laboratories in Carson California. Analyses for asbestos were accomplished by polarized light microscopy (PLM). A chain of custody was attached to the sample submittal sheet. After analysis, a report of analyses results was provided for inclusion in this report.

RESULTS

Eleven samples were collected including roll roofing with silver paint and some gray patches, and roll roofing with white coating, and analyzed for asbestos. The analyses showed that all asbestos sampled materials were none detected (ND) for asbestos.

RECOMMENDATION

All samples were none detected (ND) for asbestos. No special handling of the sampled materials identified as ND is required due to the absence of asbestos.

II. ASBESTOS HOMOGENEOUS AREA FORM

HOMOGENOUS AREA/SAMPLING FORM
ASBESTOS

Page 1 of 1 CLIENT: EMUHSD

DATE: 11-7-24 SITE: EL MONTE H.S. PROJECT # EMEM1124

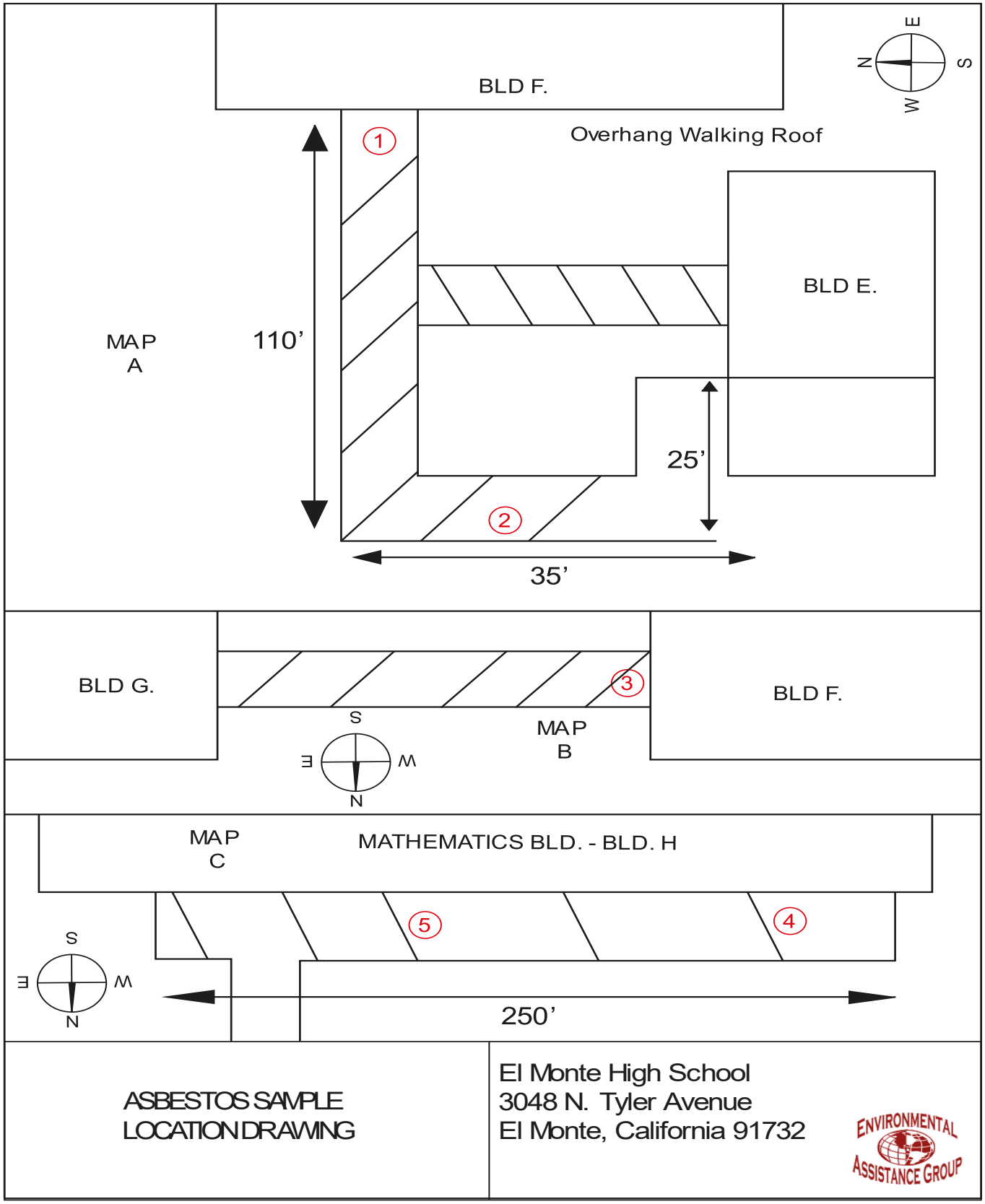
SAMPLED: 11-7-24 CSST #: 22-7026

INSPECTOR: Perry Robey Signature:

INSPECTOR: Eldwin Kennedy Signature: CERT/CAC #: 93-1249

HA	SAMPLE #	HOMOGENOUS MATERIAL	CONDI-TION	LOCATION/ SURFACE	BLDG/ SUITE	RM/#	SAMPLE LOCATION	AMT
1	EMEM1124-1	Roll roofing / TAR with silver top	Good	Field Map A	E-F	Walkway Roof	3' from E. 6' from N.	ND
2	EMEM1124-2	Roll roofing silver top with gray patch	Damaged	Field Map A	E-F	Walkway Roof	14' from N. 6' from W.	ND
1	EMEM1124-3	Roll roofing with TAR and silver top	Good	Field Map B	F-G	Walkway Roof	4' from W. 6' from S.	ND
3	EMEM1124-4	Roll roofing at cove area	Good	Center raised areas at cove – Map C	H math-Matih Bldg.	Walkway /Overhang Roof	30' from W. 6' from S.	ND
1	EMEM1124-5	Roll roofing with TAR and silver top	Good	Field Map C	Bld. H	Overhang Roof	85' from E. 6' from N.	ND
4	EMEM1124-6	Roll roofing with black patch	Good	At A/C pipe penetration	At Bld. J	Overhang Roof	15' from E. 12' from S. Map D	ND
1	EMEM1124-7	Roll roofing with TAR and silver patch	Good	Field Map D	At Bld. J	Overhang Roof	10' from W. 15' from N.	ND
5	EMEM1124-8	Roll roofing with white coating	Good	At vent cove Map D	At Bld. J	Overhang Roof	16' from S. 30' from W.	ND
1	EMEM1124-9	Roll roofing with TAR and silver top	Good	Field Map D	At Bld. J	Overhang Roof	115' from E. 6' from N.	ND
1	EMEM1124-10	Roll roofing with TAR and silver top	Good	Field Map E	Bldgs. D-C	Overhang Roof	21' from E. 8' from N.	ND
1	EMEM1124-11	Roll roofing with TAR and silver top	Good	Field Map E	Bldgs. D-C	Overhang Roof	15' from W. 7' from N.	ND

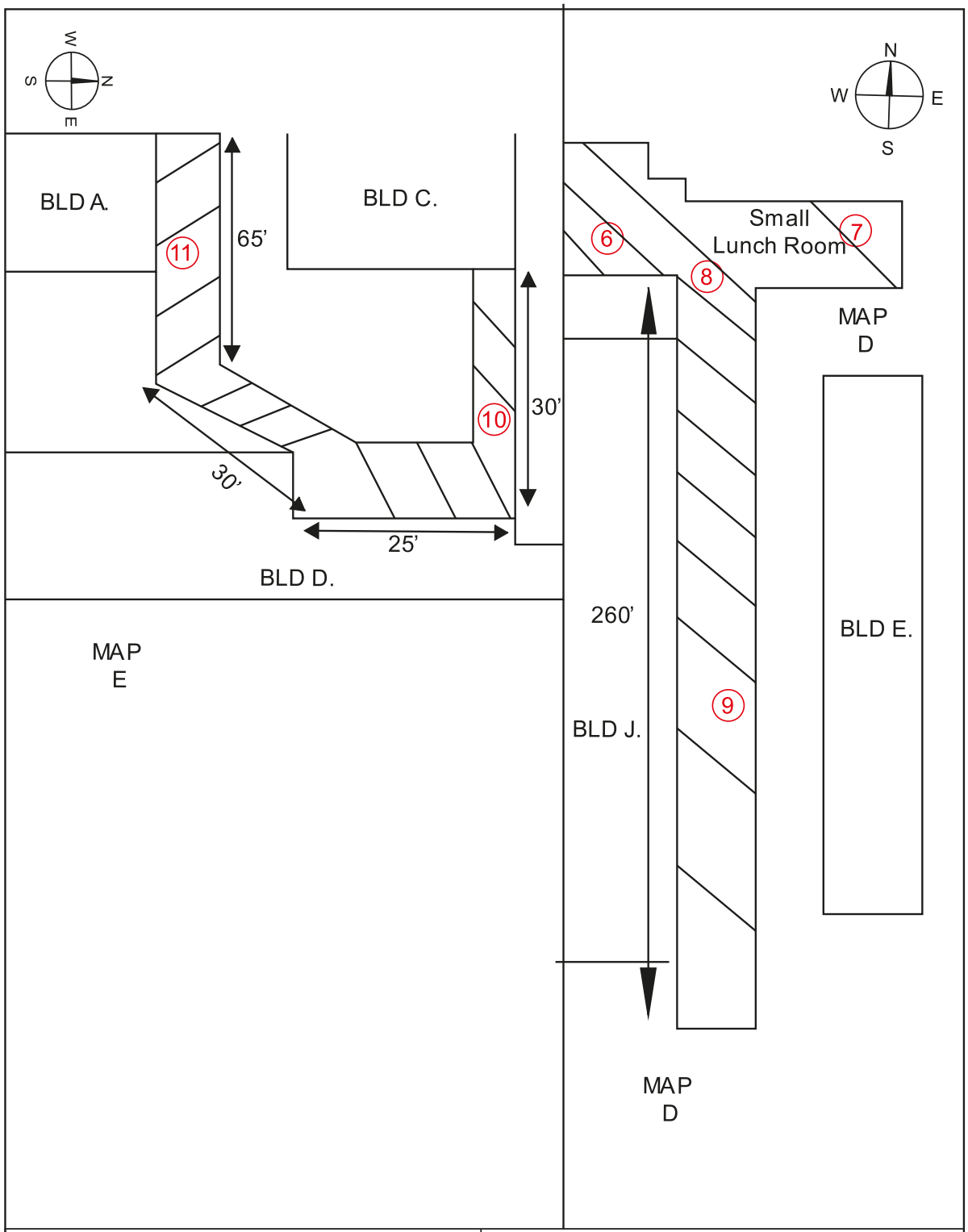
III. SAMPLE LOCATION DRAWING



ASBESTOS SAMPLE
LOCATION DRAWING

El Monte High School
3048 N. Tyler Avenue
El Monte, California 91732

ENVIRONMENTAL ASSISTANCE GROUP



ASBESTOS SAMPLE
LOCATION DRAWING

El Monte High School
3048 N. Tyler Ave.
El Monte, CA 91732

ENVIRONMENTAL ASSISTANCE GROUP

IV. ASBESTOS SAMPLING RESULT REPORT

Final Report

Bulk Asbestos Analysis

(EPA Method 40CFR, Part 763, Appendix E to Subpart E and EPA 600/R-93-116, Visual Area Estimation)
NVLAP Lab Code: 101459-1

Environmental Assistance Group
Ed Kennedy
16835 Algonquin St.
#412
Huntington Beach, CA 92649

Client ID: L1206
Report Number: B365604
Date Received: 11/11/24
Date Analyzed: 11/12/24
Date Printed: 11/12/24
First Reported: 11/12/24

Job ID/Site: EMEM1124; El Monte H.S. - Overhang Roofing

Date(s) Collected: 11/07/2024

SGSFL Job ID: L1206
Total Samples Submitted: 11
Total Samples Analyzed: 11

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
EMEM1124-1	51798076						
Layer: Grey Roof Shingle			**ND**				
Layer: Multi-Layer Black Tars			**ND**				
Layer: Multi-Layer Black Felts			**ND**				
Layer: Silver Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
EMEM1124-2	51798077						
Layer: Grey Roof Shingle			**ND**				
Layer: Multi-Layer Black Tars			**ND**				
Layer: Multi-Layer Black Felts			**ND**				
Layer: Silver Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
EMEM1124-3	51798078						
Layer: Grey Roof Shingle			**ND**				
Layer: Multi-Layer Black Tars			**ND**				
Layer: Multi-Layer Black Felts			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
EMEM1124-4	51798079						
Layer: Grey Roof Shingle			**ND**				
Layer: Multi-Layer Black Tars			**ND**				
Layer: Multi-Layer Black Felts			**ND**				
Layer: Silver Paint			**ND**				
Layer: Brown Fibrous Material			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							

20535 South Belshaw Avenue, Carson, CA 90746 | phone: 310.763.2374 / 800.813.9417 Fax: 310.763.4450 | https://falaboratories.sgs.com

Client Name: Environmental Assistance Group

Report Number: B365604
Date Printed: 11/12/24

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
EMEM1124-5	51798080						
Layer: Grey Roof Shingle			**ND**				
Layer: Multi-Layer Black Tars			**ND**				
Layer: Multi-Layer Black Felts			**ND**				
Layer: Silver Paint			**ND**				
Layer: Brown Fibrous Material			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
EMEM1124-6	51798081						
Layer: Grey Roof Shingle			**ND**				
Layer: Multi-Layer Black Tars			**ND**				
Layer: Multi-Layer Black Felts			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
EMEM1124-7	51798082						
Layer: Grey Roof Shingle			**ND**				
Layer: Multi-Layer Black Tars			**ND**				
Layer: Multi-Layer Black Felts			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
EMEM1124-8	51798083						
Layer: Grey Roof Shingle			**ND**				
Layer: Multi-Layer Black Tars			**ND**				
Layer: Multi-Layer Black Felts			**ND**				
Layer: White Non-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
EMEM1124-9	51798084						
Layer: Grey Roof Shingle			**ND**				
Layer: Multi-Layer Black Tars			**ND**				
Layer: Multi-Layer Black Felts			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							

20535 South Belshaw Avenue, Carson, CA 90746 | phone: 310.763.2374 / 800.813.9417 Fax: 310.763.4450 | https://falaboratories.sgs.com

Report Number: B365604
Client Name: Environmental Assistance Group **Date Printed:** 11/12/24

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
EMEM1124-10	51798085						
Layer: Grey Roof Shingle			**ND**				
Layer: Multi-Layer Black Tars			**ND**				
Layer: Multi-Layer Black Felts			**ND**				
Layer: Silver Paint			**ND**				
Layer: Brown Fibrous Material			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							
EMEM1124-11	51798086						
Layer: Grey Roof Shingle			**ND**				
Layer: Multi-Layer Black Tars			**ND**				
Layer: Multi-Layer Black Felts			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (55 %) Fibrous Glass (10 %)							
Comment: Bulk complex sample.							

Vincent To, Laboratory Supervisor, Carson Laboratory

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

20535 South Belshaw Avenue, Carson, CA 90746 | phone: 310.763.2374 / 800.813.9417 Fax: 310.763.4450 | https://falaboratories.sgs.com

SGS FORENSIC LABORATORIES

Analysis Request Form (COC)

Client Name & Address: Client No.: L1206

Environmental Assistance Group
16835 Algonquin Street #412
Huntington Beach CA. 92649

PO / Job#: EM EM1124 Date: 11-7-24

Turn Around Time: Same Day / 1Day / 2Day / 3Day / 4Day / 5Day

PCM: ☐ NIOSH 7400A / ☐ NIOSH 7400B ☐ Rotometer

PLM: ☒ Standard / ☐ Point Count 400 / 1000 / ☐ CARB 435

Contact: Ed Kennedy Phone: 661-304-8981

E-mail: comply@haztrainer.com

☐ TEM Air: ☐ AHERA / ☐ Yamate2 / ☐ NIOSH 7402
☐ TEM Bulk: ☐ Quantitative / ☐ Qualitative / ☐ Chatfield
☐ TEM Water: ☐ Potable / ☐ Non-Potable / ☐ Weight %
☐ TEM Dust: ☐ D5755 (microvac) / ☐ D6480 (wipe)

Site Name: El Monte H.S.

☐ IAQ Particle Identification ☐ Opaques/Char (Wildfire)
☐ Limited Particle ID (Wildfire) ☐ Special Project

Site Location: Overhang Roofing

☐ Metals Analysis Matrix: Method: AA
Analytes:

Comments: Send additional report to peprby@gmail.com and marcpiher@gmail.com 1 of 2

☐ Silica in Air ☐ w/Gravimetry
☐ Quartz Only

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY: Type (A / P / C)	Time On/Off	Avg LPM	Total Time	Sample Area / Air Volume
EMEM1124-1			A P C				
-2			A P C				
-3			A P C				
-4			A P C				
-5			A P C				
-6			A P C				
-7			A P C				
-8			A P C				
-9			A P C				
-10			A P C				

Sampled By: P/Rb Date/Time: 11.7.24 Shipped Via: ☐ Fed Ex ☐ UPS ☐ US Mail ☐ Courier ☒ Drop Off ☐ Other:

Relinquished By:	Relinquished By:	Relinquished By:
Date / Time: P/Rb 11.7.24	Date / Time:	Date / Time:
Received By: DW Nicole Adams	Received By:	Received By:
Date / Time: 11/11/24	Date / Time:	Date / Time:
Condition Acceptable? ☒ Yes ☐ No	Condition Acceptable? ☐ Yes ☐ No	Condition Acceptable? ☐ Yes ☐ No

SGS FORENSIC LABORATORIES

Analysis Request Form (COC)

Client Name & Address: Environmental Assistance Group 16835 Algonquin Street #412 Huntington Beach CA. 92649	Client No.: L1206
PO / Job#: EMEM1124	Date: 11-7-24
Turn Around Time: Same Day / ~~1 Day~~ / ~~2Day~~ / 3Day / 4Day / 5Day	
☐ PCM: ☐ NIOSH 7400A / ☐ NIOSH 7400B ☐ Rotometer	
~~PLM:~~ ~~Standard~~ / ☐ Point Count 400 / 1000 / ☐ CARB 435	
Contact: Ed Kennedy	Phone: 661-304-8981
E-mail: comply@haztrainer.com	☐ TEM Air: ☐ AHERA / ☐ Yamate2 / ☐ NIOSH 7402 ☐ TEM Bulk: ☐ Quantitative / ☐ Qualitative / ☐ Chatfield ☐ TEM Water: ☐ Potable / ☐ Non-Potable / ☐ Weight % ☐ TEM Dust: ☐ D5755 (microvac) / ☐ D6480 (wipe)
Site Name: El Monte H.S.	☐ IAQ Particle Identification ☐ Opaques/Char (Wildfire) ☐ Limited Particle ID (Wildfire) ☐ Special Project
Site Location: Overhang Roofing	☐ Metals Analysis Matrix: Method: AA Analytes:
Comments: Send additional report to peprby@gmail.com and marcpiher@gmail.com 2 of 2	☐ Silica in Air ☐ w/Gravimetry ☐ Quartz Only

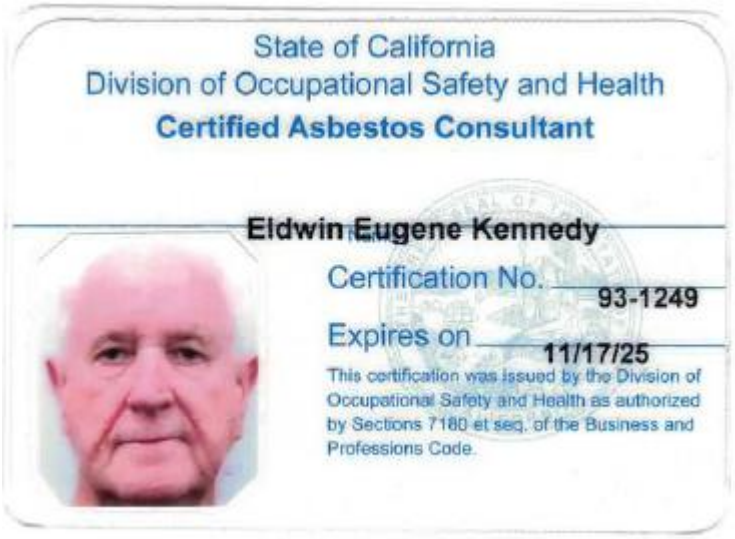
Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY: Type	Time On/Off	Avg LPM	Total Time	Sample Area / Air Volume
EMEM1124-11	11.7.24		A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				

Sampled By: P Roby Date/Time: 11.7.24 Shipped Via: ☐ Fed Ex ☐ UPS ☐ US Mail ☐ Courier ☒ Drop Off ☐ Other:

Relinquished By:	Relinquished By:	Relinquished By:
Date / Time: P Roby 11.7.24	Date / Time:	Date / Time:
Received By: dp Nicole Adams	Received By:	Received By:
Date / Time: 11/11/24	Date / Time:	Date / Time:
Condition Acceptable? ☒ Yes ☐ No	Condition Acceptable? ☐ Yes ☐ No	Condition Acceptable? ☐ Yes ☐ No

V. INSPECTORS CERTIFICATIONS

V. INSPECTORS CERTIFICATIONS



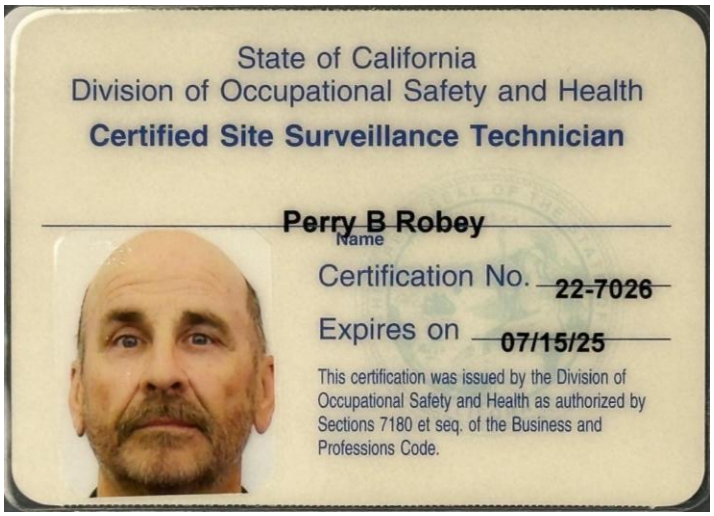
State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Eldwin Eugene Kennedy
Name

Certification No. **93-1249**

Expires on **11/17/25**

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



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

Perry B Robey
Name

Certification No. **22-7026**

Expires on **07/15/25**

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.

VI. DISCLAIMER/REPORT LIMITATIONS

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All reports and recommendations are based on conditions and practices observed and information made available to Environmental Assistance Group (EAG) by the client and the designated sites/facilities on the days the abatement was completed. Services provided by EAG shall be governed by the standard of practice for professional services measured at the time those services are rendered.

All information contained in this report is proprietary and limited to the scope of services, parameters of the analytical methods used, and the conditions present at the time of this oversight and monitoring. Any references to quantities are considered estimates and are not to be construed as actual.

HAZTRAINER MULTI-NATIONAL INC. DBA
ENVIRONMENTAL ASSISTANCE GROUP
16835 ALGONQUIN ST. #412 HUNTINGTON BEACH CA 92649
PHONE: 949-237-1036 E-MAIL: COMPLY@HAZTRAINER.COM

REPORT OF
LEAD SAMPLING

Conducted at

COVERED WALKWAYS /OVERHANGS
EL MONTE HIGH SCHOOL
3048 N. Tyler Avenue
EL MONTE, CALIFORNIA 9173

Prepared for

NORMA MACIAS, DIRECTOR OF
FACILITIES, MAINTENANCE, OPERATIONS AND TRANSPORTATION
EL MONTE UNION HIGH SCHOOL DISTRICT
1003 N. DURFEE AVENUE
SOUTH EL MONTE, CALIFORNIA 91733

Prepared by

ENVIRONMENTAL ASSISTANCE GROUP
16835 Algonquin St. #412
Huntington Beach Ca 92649

Project Number: EMEM1124Pb

November 2024

Report generated by

Eldwin “Ed” Kennedy, Certified Asbestos Consultant CAC# 93-1429
and Certified Lead Professional CLP# 4092
President
Environmental Assistance Group

TABLE OF CONTENTS

I. EXECUTIVE SUMMARY

I. EXECUTIVE SUMMARY

INTRODUCTION

On November 7, 2024, Environmental Assistance Group (EAG) represented by Perry Robey, under the supervision of Ed Kennedy, Certified Lead Professional (CLP) and Asbestos Consultant (CAC), collected samples of suspect lead containing paint on select covered walkways and building overhangs at El Monte High School in the El Monte Union High School District (EMUHSD). The investigation was requested by Mr. Tony Barrera, Maintenance Coordinator. The sampling was requested because of planned roofing materials replacements and potential impact on painted surfaces.

METHOD

Suspect lead containing materials such as paint and ceramic tile were cut, scraped or broken off. All samples were placed in sealed containers and transported to a NVLAP, AIHA-LAP, DHS certified and LLC Accredited, Lab ID # 101629, SGS Forensic Laboratories in Carson, California. Metals Analysis of lead containing materials was accomplished by Atomic Absorption (AA). A chain of custody was attached to the sample submittal sheets. After analysis, a report of analyses results was provided for inclusion in this report.

RESULTS

Two samples of suspect materials, including cream paint (0.002 percent by weight-wt.% lead) and brown paint (0.12 wt.% lead), were collected from representative paint on painted beams, fascia, and tongue and groove roof deck boards. The samples collected and analyzed for lead showed that there was lead based and lead containing paint present. In LA County, lead- based paint (LBP) is 0.5 wt%. A detailed table is included in this report which describes the type and locations of sampled materials.

RECOMMENDATIONS

When lead based or lead containing paint (LBP) is disturbed, such as during roofing replacement and needed structural repairs, lead certified workers must accomplish the work. Conduct paint stabilization (removal of loose or peeling paint and sealing) and during replacement of rotted wooden sections of roof deck. During paint preparation, place polyethylene (poly) drops and mist the loose paint with water during scraping or sanding. Collect the paint chips for disposal after appropriate waste stream lead testing.

II. LEAD HOMOGENEOUS AREA FORM

LEAD SAMPLING FORM

Page 1 of 1

CLIENT: EMUHSD

DATE: 11-7-24

SITE: EL MONTE HIGH SCHOOL

PROJECT # EMEM1124Pb

SAMPLED: 11-7-24

LEAD CERT #: LRC-00012061

LEAD CERT #: LRC-00002678

TECHNICIAN BY: Perry Robey Signature:

SUPERVISED BY: Eldwin Kennedy Signature:

ID #: 4092

SAMPLE #	HOMOGENOUS MATERIAL	CONDI-TION	LOCATION/ SURFACE	BLDG/ SUITE	RM/#	SAMPLE LOCATION	AMT wt%
EMEM1124Pb-1	Cream color paint	Good	Overhang ceilings	All Bldgs.	Overhang walkway	Bldg. J – outside Room 72	0.002
EMEM1124Pb-2	Brown paint	Good	Overhang gutters and poles	All Bldgs.	Overhang walkway	Between Bldgs. C - D	0.12

III. LEAD SAMPLING RESULTS REPORT

Final Report

Metals Analysis of Bulks - TTLC

(AIHA-LAP, LLC Accreditation, Lab ID #101629)

Environmental Assistance Group
Ed Kennedy
16835 Algonquin St.
#412
Huntington Beach, CA 92649

Client ID: L1206
Report Number: M264539
Date Received: 11/11/24
Date Analyzed: 12/11/24
Date Printed: 11/12/24
First Reported: 11/12/24

Job ID / Site: EMEM1124Pb; El Monte H.S. - Overhang Roofing
Date(s) Collected: 11/7/24

SGSFL Job ID: L1206
Total Samples Submitted: 2
Total Samples Analyzed: 2

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
EMEM1124PB-1	LM278250	Pb	0.002	wt%	0.001	EPA 3050B/7000B
EMEM1124PB-2	LM278251	Pb	0.12	wt%	0.006	EPA 3050B/7000B

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

Vincent To, Laboratory Supervisor, Carson Laboratory

20535 South Belshaw Avenue, Carson, CA 90746 | phone: 310.763.2374 / 800.813.9417 Fax: 310.763.4450 | https://falaboratories.sgs.com

SGS FORENSIC LABORATORIES

Analysis Request Form (COC)

Client Name & Address: Client No.: L1206

Environmental Assistance Group
16835 Algonquin Street #412
Huntington Beach CA. 92649

PO / Job#: EMEM112496 Date: 11.7.24

Turn Around Time: Same Day / ~~1Day~~ / 2Day / 3Day / 4Day / 5Day

☐ PCM: ☐ NIOSH 7400A / ☐ NIOSH 7400B ☐ Rotometer

☐ PLM: ☐ Standard / ☐ Point Count 400 / 1000 / ☐ CARB 435

Contact: Ed Kennedy Phone: 661-304-8981

E-mail: comply@haztrainer.com

☐ TEM Air: ☐ AHERA / ☐ Yamate2 / ☐ NIOSH 7402
☐ TEM Bulk: ☐ Quantitative / ☐ Qualitative / ☐ Chatfield
☐ TEM Water: ☐ Potable / ☐ Non-Potable / ☐ Weight %
☐ TEM Dust: ☐ D5755 (microvac) / ☐ D6480 (wipe)

Site Name: El Monte H.S.

☐ IAQ Particle Identification ☐ Opaques/Char (Wildfire)
☐ Limited Particle ID (Wildfire) ☐ Special Project

Site Location: Overhang Roofing

☒ Metals Analysis Matrix: Paint Method: AA
Analytes: LEAD

Comments: Send additional report to peprby@gmail.com and marcpiher@gmail.com 1 of 1

☐ Silica in Air ☐ w/Gravimetry
☐ Quartz Only

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY: Type	Time On/Off	Avg LPM	Total Time	Sample Area / Air Volume
EMEM112496-1	11.7.24		A P C				
1 -2			A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				

Sampled By: P Roby Date/Time: 11.7.24 Shipped Via: ☐ Fed Ex ☐ UPS ☐ US Mail ☐ Courier ☒ Drop Off ☐ Other:

Relinquished By:	Relinquished By:	Relinquished By:
Date / Time: P Roby 11.7.24	Date / Time:	Date / Time:
Received By: Nicole Adams	Received By:	Received By:
Date / Time: 11/11/24 8AM	Date / Time:	Date / Time:
Condition Acceptable? ☒ Yes ☐ No DLS	Condition Acceptable? ☐ Yes ☐ No	Condition Acceptable? ☐ Yes ☐ No

IV. INSPECTORS CERTIFICATIONS

IV. INSPECTORS CERTIFICATIONS

California Department of PublicHealth

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:	CERTIFICATE TYPE:	NUMBER:	EXPIRATION DATE:
	Lead Inspector/Assessor	LRC-00002679	11/7/2024
	Lead Supervisor	LRC-00002678	11/7/2024

Eldwin Kennedy

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:
	Lead Sampling Technician	LRC-00012061	11/21/2024

Perry Robey

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

V. DISCLAIMER/REPORT LIMITATION

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