LOS RIOS COMMUNITY COLLEGE DISTRICT

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Purchasing Department

Sacramento City College American River College Cosumnes River College Folsom Lake College

ADDENDUM NO. 4

ISSUE DATE: July 11, 2018

SCC Mohr Hall Replacement

LRCCD BID NO. 18025

Issued By:

LOS RIOS COMMUNITY COLLEGE DISTRICT
1919 Spanos Court, Sacramento, CA 95825
Phone (916) 568-3071 Fax (916) 568-3145

This addendum forms a part to the Contract Documents. The addendum items supersede and supplement all portions of the bidding documents with which it conflicts. All workmanship, materials, appliances and equipment which may be included in the following addendum items shall be of the same relative quality as described for similar work set forth in the general or main specifications of which these addendum items shall be considered a part.

This Addendum has been acknowledged in the space provided on the Bid Form and is considered part of the bid documents.

This Addendum consists of 82 pages

1. **REMOVE SECTION 00 31 26 & REPLACE WITH SECTION 00 31 26 DATED MAY 25, 2018 ATTACHED**

2. **EXTEND BID DATE – DUE BY 3:30 PM. TUESDAY, JULY 17, 2018.**

END OF SECTION.

Section 00 31 26
Hazardous Materials Work Plan
For
Sacramento City College Mohr Hall Demolition Project
3835 Freeport Boulevard, Sacramento, CA 95822

Prepared For:

Los Rios Community College District
3753 Bradview Drive
Sacramento, CA 95827

Prepared By:

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May 25, 2018

Table Of Contents

PART 1 - Requirements for Disturbance of Asbestos

1.01 Introduction

A This section covers the removal of asbestos containing materials at the Sacramento City Mohr Hall Demolition Project. The Abatement Contractor shall maintain a current and valid California Contractor's License with an asbestos certification and registered for asbestos-related work with Cal/OSHA. The work specified herein shall be the removal, encapsulation, repairs, cleanup and disposal of asbestos containing materials by competent persons who are trained, knowledgeable and qualified in the techniques of abatement, handling and disposal of asbestos containing materials and associated contaminated materials, and the subsequent cleaning of contaminated areas.

B The Abatement Contractor shall furnish all labor, materials, services, equipment, worker training and medical examinations, permits, and agreements necessary for the completion of the described work. All work shall be performed in strict accordance with this section, the contract documents, the documents referenced herein, and with all applicable Federal, State, and local regulations. Whenever there is a conflict or overlap of the above references, the most stringent provisions are applicable. Compliance with all regulations and the use of the best available technology, procedures, and methods for preparation, handling, cleanup, disposal, and safety are the sole responsibility of the Abatement Contractor.

1.02 Description of Work:

A The Abatement Contractor shall perform the removal of asbestos containing materials as described herein and identified in the Asbestos Survey Reports as follows:

B Work Area preparation shall include protection of all surrounding equipment, both equipment which shall remain and/or which shall be removed and later reinstalled, and isolation from building occupants, visitors, and passers-by. Installation of critical barriers and containment walls and floors.

C Bidders are encouraged to visit the Work site to obtain first-hand knowledge of all existing conditions. Bidders will be responsible for all unusual conditions or deviations from the Specifications that exist at the time of their site examination, and such conditions must be reflected in the Bid Proposal. Contractors will not be given extra payments above the accepted Bid prices for conditions that can be determined by examining the site and all Contract Documents prior to the submission of proposals.

D All removal of asbestos containing materials shall be performed in accordance with this section and all applicable regulations.

Summary of ACM			
Description	**Asbestos Present**	**Friable EPA Category OSHA Wk Class**	**Estimated Quantity**
Pipe insulation on hot water pipes above ceilings and inside walls.	20% Amosite. 20% Chrysotile.	Yes RACM Class I	1,300 l.f.
Pipe insulation on hot water pipes in pipe trench below floor.	35% Amosite.	Yes RACM Class I	1,515 l.f.

Summary of ACM			
Description	**Asbestos Present**	**Friable EPA Category OSHA Wk Class**	**Estimated Quantity**
Pipe insulation on hot water and chill water pipes in pipe trench below floor and exterior from Mohr Hall to Lillard Hall.	35% Amosite.	Yes RACM Class I	600 l.f.
Floor tile and floor tile mastic.	Tile – 3% Chrysotile. Mastic – 2% Chrysotile.	No Cat II Class II	20,300 sq.ft.
Plaster skim coat on walls and ceilings.	1.75% Chrysotile.	Yes RACM Class I	23,200 sq.ft.
Mastic on vinyl floor base.	0.3% Tremolite	N/A N/A Unclassified	3,500 l.f.
Mastic on 12" textured style acoustic wall/ceiling tiles.	0.5% Tremolite	N/A N/A Unclassified	2,500 sq.ft.
2'x4' fissured ceiling tile in room 5A.	5% Amosite.	Yes RACM Class II	110 sq.ft.
Transite flue pipe at upper wall in basement mechanical room through column in room 5A to roof.	20% Chrysotile. 8% Crocidolite.	No Cat II Class II	15 l.f.
Silver paint on built up roofing under foam roofs.	0.60% Chrysotile.	N/A N/A Unclassified	24,400 sq.ft.
Black tar wrap on hot water pipes at radiators.	3% Chrysotile.	No Cat II Class II	42 l.f. (21 Radiators)
Window glazing compounds on interior door and hallway windows.	<0.25 Chrysotile.	N/A N/A Unclassified	24 sq.ft. (40 windows)
Window glazing compounds on exterior windows.	<0.25 Chrysotile.	N/A N/A Unclassified	212 sq.ft. (88 windows)
Interior Doors	3% Amosite. 10% Chrysotile.	Yes RACM Class II	945 sq.ft. (45 Doors)

*Cat I and Cat II non friable materials that will be subject to mechanical forces during removal or demolition will be designated as RACM. N/A = Not applicable.

1.03 Regulatory Compliance

A Except to the extent that more explicit or more stringent requirements are written directly into the contract documents, all applicable codes, regulations, and standards have the same force and effect (and are made a part of the contract documents by reference) as if copied directly into the contract documents, or as if published copies are bound herewith.

B The Contractor shall assume full responsibility and liability for the compliance with all applicable Federal, State, and local regulations pertaining to work practices, hauling, disposal, and protection of workers, visitors to the site, and persons occupying areas adjacent to the site. The Contractor is responsible for providing medical examinations and maintaining medical records of personnel as required by the applicable Federal, State and local regulations, The Contractor shall hold the Owner and Asbestos Consultant harmless for failure to comply with any applicable work, hauling, disposal, safety, health or other regulation on the part of himself, his employees or his subcontractors.

C Federal Requirements which govern hazardous waste and asbestos abatement work or hauling and disposal of hazardous waste and asbestos waste materials include but are not limited to the following:

U. S. Department of Labor, Occupational Safety and Health Administration (OSHA), including but not limited to:

Occupational Exposure to Asbestos, Tremolite, Anthophyllite, and Actinolite; Final Rule Title 29, Part 1910, Section 1001 and Part 1926, Section 1101 of the Code of Federal Regulations

Respiratory Protection, Title 29, Part 1910, Section 134 of the Code of Federal Regulation

Construction Industry, Title 29, Part 1926, of the Code of Federal Regulations

Access to Employee Exposure and Medical Records Title 29, Part 1910, Section 1200 of the Code of Federal Regulations

Hazard Communication, Title 29, Part 1910, Section 1200 of the Code of Federal Regulations

Specifications for Accident Prevention Signs and Tags Title 29, Part 1910, Section 145 of the Code of Federal Regulations

D U.S. Environmental Protection Agency (EPA) including but not limited to:

Regulation of Asbestos, Title 40, Part 61, Subpart A of the Code of Federal Regulations

National Emission Standards for Asbestos (NESHAPS) Title 40, Part 61, Subpart M (Revised Subpart B) of the Code of Federal Regulations

E California State Requirements which govern hazardous waste and asbestos abatement work or hauling and disposal of hazardous waste and asbestos waste materials include but not limited to the following:

Carcinogen Registration
CAL OSHA
525 Golden Gate Avenue
San Francisco, Calif. 94102

CCR Title 8, Section 1529
Cal/OSHA Asbestos Regulations for the Construction Industry

F Local Requirements: Abide by all local requirements which govern asbestos abatement projects, work or hauling and disposal of asbestos waste materials.

1.04 Notifications

A Send written notification as required by state and local regulations prior to beginning any work on asbestos containing materials including Cal/OSHA:

1.05 SUBMITTALS

A PRE-WORK SUBMITTALS: The Abatement Contractor shall present to the Asbestos Consultant two (2) copies of the following information at the preconstruction conference before commencing work and shall maintain adequate copies to be included in the Project Data Binder at the job site:

1. List of full-time personnel to be engaged in the contract and their training and job experience.

2. An outline of the worker training course and medical surveillance program currently being implemented.

3. Evidence that job supervisor(s), the competent person, has obtained specialized training and certification in an EPA approved "Supervisor Contractor" Asbestos Abatement course.

4. A basic procedures manual endorsed or authorized by the company describing working procedures, equipment, type of decontamination facilities, respirator program and removal techniques, etc.

5. Proof that the Abatement Contractor and his employees are certified and/or licensed in accordance with all state and local regulations.

6. A preliminary construction schedule that shall include a narrative description of the Abatement Contractor's approach, chronological relationship, and manpower of all activities during the term of this contract.

7. Submit a summary of the number and types of crews to be utilized and the number of shifts per day to be worked.

8. Proposed waste transporter and disposal site.

9. The Abatement Contractor shall present copies of notices sent to all regulatory agencies.

10. All Copies of all required permits or authorizations shall be presented, including arrangements for storage, transportation and disposal of contaminated material.

11. The Abatement Contractor shall submit a list of the persons who will be employed by him and his subcontractors during the removal work. Present evidence that workers have received proper training required by regulations and the medical examinations required by 29 CFR 1926.1101 and 8 CCR 1529.

B SUBMITTALS DURING WORK and AFTER COMPLETION: The following submittals from this section shall be maintained in the Project Data Binder on the job site and a copy shall be provided by the Abatement Contractor to the Asbestos Consultant at the completion of the project:

1. Permits, Licenses and Certificates: For the Owner's records, submit copies of permits, licenses, certifications, inspection reports, releases, jurisdictional settlements, notices, receipts for fee payments, judgments, and similar documents, correspondence and records established in conjunction with compliance of standards and regulations bearing upon performance of the work.

2. All accidents shall be documented by the supervisor at the job-site. Prepare and submit reports of significant accidents, at site and anywhere else work is in progress. Record and document data and actions required for OSHA 200 log. A copy of this log shall be on-site at all times. For the purpose of definition, a significant accident is meant to include events where personal injury is sustained, or property loss of substance is sustained, or where the event posed a significant threat of loss or personal injury.

3. Employee Training Certificates

4. Employee evidence of medical exam and medical release to wear respirators.

5. Employee respirator fit test records.

6. Personal air monitoring results.

7. Daily job log.

8. Work area entry/exit log.

9. Hazardous Waste disposal manifests and weight tickets.

10. All submittals, reports, notifications, etc., as requested in this work plan.

1.06 Training Requirements

A At a minimum, the employees removing asbestos must meet the training requirements as specified by CCR, Title 8, Section 1529.

B Proof of training certification must be on-site for each worker.

1.07 Respiratory Protection Requirements

A All respirators issued and used by employees will conform to the requirements established in 29 CFR 1910.134. As required by the OSHA respirator standard (29 CFR 1910.134), only approved respirators should be considered during the selection process and, the respirators must be approved for protection against the specific hazard.

1.08 Personal Protective Equipment

A Clean, disposable full body coverings must be provided for all persons who must enter the regulated area. Workers shall be fully protected with respirators and protective clothing immediately prior to the first disturbance of hazardous waste and asbestos-containing or contaminated materials and until final clean-up is completed and the area released. Sufficient sizes and adequate quantities for all workers and authorized visitors shall be provided.

1.09 Air Monitoring Procedures

A The contractor is responsible to perform employee exposure monitoring per Cal OSHA Title 8, Chapter 4, Section 1529. If any results exceed the Permissible Exposure Level (PEL), all work is to stop until the problem is resolved.

B The Owner's Representative may also perform area monitoring. If the results of this sampling exceed EPA clearance limits, work shall stop until the problem is resolved.

1.10 Regulated Areas/Posting of Signs

A Any area where ACM may be disturbed must be property posted with Cal-OSHA approved asbestos warning signs prior to starting work. The area must be surrounded by asbestos labeled barrier tape and asbestos warning signs must be posted so that they are visible when approaching the area from any direction.

1.11 Execution

A Before performing any work that may disturb ACM, insure that all HVAC systems for the area have been isolated. Cover all HVAC openings with 6 mil visqueen. The Contractor is responsible to insure that no dust or debris escape the work area.

B Prior to beginning work all visible loose dust that could contain asbestos is to be HEPA vacuumed.

C Cover all surfaces in the area with a minimum one layer of 6 mil visqueen.

D Asbestos containing debris generated during the work should be wet prior to and during removal unless such wet methods are not feasible. The material is to be kept wet until it is placed in sealed containers.

E A competent person must be on the job site when any asbestos work is performed.

1.12 Final Clearance Procedures

A A final visual inspection of the areas shall be performed by the Asbestos Consultant.

B The Asbestos Consultant may collect final clearance air samples in the work area at the Consultants discretion.

1.13 Disposal of Waste Materials

A The Contractor shall provide container and arrange for disposal of asbestos containing materials to an approved disposal facility.

B For all waste containing asbestos that requires an EPA manifest or non hazardous manifest, the Contractor must coordinate with the Owner for signature of the manifest. **Manifest for any material containing asbestos shall only be signed by the Owners Representative.** The Contractor must notify the Owner a minimum of 48 hours in advance of the need for a signature. Hazardous waste cannot be transported without an authorized signature. Delays resulting from the failure of the Contractor to obtain an authorized signature from the Owner will be the sole responsibility of the Contractor.

C The Contractor must properly label all hazardous waste containers before they leave the job site according to the requirements of DTSC and DOT.

End of Part 1

PART 2 - Requirements for Disturbance of Lead

2.01 Introduction

A This section is designed to minimize and control potential lead hazards. These procedures and precautions apply to the disturbance of lead that may result from the removal of buildings components that contain lead either in or on their surfaces.

2.02 Site Specific Information

A Lead testing performed with an X-Ray Fluorescence Spectrum Analyzer (XRF) and laboratory results indicated lead based paint or lead containing paint used on the following interior and exterior building components:

Lead Based Paint >5000 mg/kg

- Beige paint on metal hand rails in room 2, and at exterior stairs to basement.
- Red, green, and orange paint on interior metal door frames.
- Beige paint metal louvers at basement mechanical room.

Lead Containing Paint >600 mg/kg

- Beige paint on concrete walls.
- Green and beige paint on interior plaster walls and ceilings.
- White paint over red on roof air handlers and ducts.

2.03 Regulatory Compliance

A Various agencies regulate work that disturbs lead-containing materials. The following is a summary of the most important agencies and regulations that apply during the disturbance of lead during construction work. This list is not to be considered comprehensive. The Contractor is responsible for complying with all federal, state, and local regulations that may apply to the specific work they are conducting.

B Environmental Protection Agency (EPA).

1 Lead: Identification of Dangerous Levels of Lead; Final Rule (40 CFR Part 745 Subpart D).

2 The EPA defines lead-based paint as paint and coatings that contain lead in concentrations equal to or more than one milligram per square centimeter (1.0 mg/cm^2), 5,000 parts per million (5,000 ppm), or one half of one percent (0.5%) by weight. EPA regulations apply to all housing and child occupied facilities built before 1978. When the term "lead-based paint" is used in the context of this work plan, the term is used only to refer to paint that contains lead in concentrations equal to or greater than that defined by the EPA as lead-based paint. (This is to differentiate lead based paint from the term "lead-containing paint" as used for compliance with Cal/OSHA.)

C California Department of Public Health (CDPH).

1 Accreditation, Certification, and Work Practices For Lead-Based Paint And Lead Hazards (Title 17, CCR, Division 1, Chapter 8, Sections 35000-36100)

2 This regulation primarily applies to residential and public buildings located in California. The definition of a public building is one that is "generally accessible to the public." Some aspects of this regulation, particularly those that pertain to the definition of "presumed lead-based paint" and the containment requirements for disturbing lead-based paint apply to all structures, in California.

3 This CDPH regulation definition of lead-based paint is identical to the EPA/HUD definition of 1.0 mg/cm^2, 5000 ppm, and 0.5% by weight. In addition, this regulation requires all paint on structures in California to be treated as "presumed lead-based paint" unless the paint is on a home built after 1978 or a school built after 1992.

4 The CDPH regulation differentiates between work that disturbs lead-based paint as part of renovation or maintenance work and work that disturbs lead-based paint as part of "permanent abatement" work as defined in Title 17. The work practices and procedures described in this work plan are designed to comply with occupant and worker protection regulations as mandated by Cal/OSHA regulations for work that disturbs lead as part of renovation, demolition, and maintenance work. This work plan is not designed to comply with the requirements for abatement as defined in the CDPH Title 17 regulation. Unless stated specifically otherwise in this work plan, the Owner does not anticipate any work being done as part of this project that meets the definition of permanent abatement as used in Title 17. However, unless specifically directed otherwise by this work plan or by the direction of the Owner's Representative, the Contractor and/or subcontractors shall submit Form 8551, "ABATEMENT OF LEAD HAZARDS," to the CDPH since that form provides appropriate notice for any work done on this project which reduces or permanently eliminates lead-based paint.

D California Occupational Safety and Health Administration (Cal/OSHA) Lead Standard for the Construction Industry (8 CCR 1532.1)

1 This standard regulates work done by employees who may disturb lead as part of demolition, construction, renovation or maintenance work. Painting activities that may disturb lead are covered by this standard. General construction work that disturbs lead is covered, as is the demolition of building components or entire structures.

2 Cal/OSHA regulates lead whenever lead is determined to exist in a material. When the term "lead-containing paint" is used in the context of this work plan, the term is used to refer to paint that contains lead in an amount equal to or above the reporting limit for the laboratory analysis or that detected as lead-based paint by an X-ray Fluorescence Analyzer (XRF).

3 In addition, Cal/OSHA uses the EPA/HUD/CDPH definition of lead-based paint (1.0 mg/cm^2, 5000 ppm, 0.5% by weight) for their pre-job notification requirements discussed in Part 1.04 Lead-Work Pre-Job Notification Requirements.

4 The following information summarizes the significant requirements in the Cal/OSHA standard. This summary is not meant to substitute for the Contractor reading and being familiar with the Cal/OSHA requirements,

a. The Cal/OSHA lead standard is very complex. Cal/OSHA lead standards apply when materials contain any quantifiable amounts of lead. This means materials are regulated even when they contain very small amounts of lead.

b. The standard sets an "Action Level"„ for airborne lead at or above 30 ug/m3 over an eight-hour-time-weighted average. Typically, if employees are expected to be exposed to this airborne lead level, the employer must conduct air sampling, provide blood lead testing, and provide specialized training. The standard sets a "Permissible Exposure Limit" or "PEL" for airborne lead at or above 50 ug/m3 over an eight-hour-time-weighted average. The employer must continue the requirements needed at the Action Level but must now provide respirators, protective clothing, a shower decontamination system, and a written compliance program.

c. In 8 CCR 1532.1 (p), employers are required to notify Cal/OSHA before employees conduct a trigger task that will disturb more than 100 square or linear feet of material (whichever is least) that contains lead in concentrations equal to or above 1.0 mg/cm^2, 5000 ppm, or 0.5% by weight. The notification also applies to welding or torch cutting that takes more than one hour in a shift. Trigger tasks are described in 8 CCR 1532.1 (d) (2). In brief, they include manual demolition, scraping, sanding, using HEPA-attached equipment, using heat guns to remove lead paint, welding, torch cutting, and using other more aggressive techniques. This is a summary list and does not list all tasks that are considered trigger tasks.

d. The California standard defines lead-containing paint at the Consumer Product Safety Commission's (CPSC) level of 0.06% by weight or 600 ppm for non-trigger tasks. The lead standard would not apply if the paint contains less than 600 ppm and the employees do not conduct trigger tasks. However if the employees do conduct trigger tasks, the entire standard applies.

e. Cal/OSHA requires CDPH lead training and certification for any supervisors or workers who are "shown to be exposed" to airborne lead levels above the PEL in residential or public buildings.

f. Cal/OSHA requires the supervisor to establish a "regulated area" whenever employees may be exposed to airborne lead over the PEL or if they will perform trigger tasks as defined in 8 CCR 1532.1 (d)(2).

2.04 Lead-Work Pre-Job Notification Requirements

A The Contractor is responsible for complying with the Lead-Work Pre-Job Notification as specified in 8 CCR 1532.1 (p). If notification is required for this project, the Contractor must provide the notification to Cal/OSHA and provide a copy of this notification to the Owners Representative as part of the Contractor's pre-work submittal package.

2.05 Lead Training Requirements

A At a minimum, the Contractor and subcontractors must meet the lead training requirements as specified by 8 CCR 1532.1. This will include training all employees who drill, cut, scrape, abrade, remove, clean up debris, or in any other way are exposed to lead from painted surfaces or ceramic tile found on the buildings or structures covered by this project. The different types of training are summarized below for the typical types of work that are expected to disturb lead on this project.

B Minimal Training Required For All Workers Exposed To Lead:

1 The training must comply with the training requirements as listed 8 CCR 1532.1 (l)(1)(A). In summary, this training must comply with Hazard Communication Training for lead as discussed in 8 CCR 5194. This training is also known as "hazard communication," or "lead awareness" training and is usually done in less than hour depending on the work the employee will conduct.

C Required Training For Those Exposed Over the Action Level Or Who Conduct Trigger Tasks:

1 The training must comply with the training requirements as listed 8 CCR 1532.1 (1)(1)(B) and (1)(2)(A-H). In summary, the standard requires the worker to be trained in a series of subjects. The length of training depends on the experience and previous training of the worker, the type of work they will conduct, and whether or not they already have been trained and approved to wear respirators. Workers receiving this training and conducting this type of work will typically need to wear respirators and protective clothing while they conduct the work. The level of respiratory protection and protective work clothing may be modified based on initial air monitoring and tasks involved.

D Required Training For Those Who Are Reasonably Expected To Be Exposed Over The PEL:

1 Workers and supervisors must be CDPH Certified Lead-Related Construction Workers or Supervisors if they will conduct trigger tasks or other work reasonably expected to exceed the PEL. Proof of training will be a currently valid CDPH certification card. Workers receiving this training and conducting this type of work will typically need to wear respirators and protective clothing while they conduct the work.

2.06 Required Submittal Documents:

A While additional documents may be required by the scope of work for this project, at a minimum, the Contractor will be required to provide the Owner and/or Project Supervisor/Monitor with the following documents regarding the Contractor's ability to safely disturb lead-containing materials.

B Submittals Prior To The Start Of Work

1 All Contractors and subcontractors who will have employees disturb lead on this project must, provide proof of lead training per Part 2.05.

2 A written lead compliance plan in compliance with 8 CCR 1532.1 must be provided that includes the following:

a. A description of equipment and materials, controls, crew size, job responsibilities, and operations and maintenance procedures for each activity in which lead is disturbed and potentially emitted.

b. A description of specific control methods (wet methods, engineering controls, etc.) that will be used to ensure workers are not exposed above the PEL. This includes the use of protective work clothing, equipment, hygiene facilities and practices, and housekeeping practices.

c. A description of the steps the Contractor or subcontractor will take to minimize the generation of hazardous waste produced on this project. This includes, but is not necessarily limited to how the contractor will separate waste streams. For example, how will the Contractor or subcontractor keep potentially hazardous waste such as paint chips and dust from being disposed of with other potentially non-hazardous construction materials and debris.

3 Copy of the Contractor or subcontractor's written respirator program in accordance with the requirements of 8 CCR 1544.

4 Proof that all employees expected to wear respirators on this project have medical approval to wear a respirator.

5 Copies of respiratory fit-tests for all workers expected to wear a respirator on this project. Fit testing must be done as required by and in accordance with 8 CCR 1544.

6 Copies of all current MSDS for chemicals used on this project.

7 Name of Waste Transporter who will transport hazardous waste on this project and documentation that the Transporter is allowed to transport lead hazardous waste.

8 Name of Waste Landfill to which lead hazardous waste will be sent and documentation that such landfill is allowed to accept such waste.

9 Should waste water filtration be required on this project, submit manufactures documentation pertaining to the capability of waste water filters to filter particles of, at a minimum, five micrometers in size.

10 Submit emergency plans. At a minimum submit the following:

a. Submit non-emergency telephone numbers, other then 911, for the appropriate Police, Sheriff, and Fire Departments.

b. Name, pager or cell phone numbers of the on-site supervisor and his immediate company supervisor.

c. Submit detailed written directions from the project site to the medical facility to be used in case of an emergency. Also include a map which sufficiently shows the route to be taken from the site to the designated medical facility.

d. Submit written emergency procedures pertinent to the work to be performed and which can be implemented by site personnel if the need arises.

11 Local sanitation district Wastewater Discharge Permit for Surface Washers (if required).

12 The above listed documents must be provided a minimum of five working days prior to the start of work that will disturb lead.

13 The Contractor is responsible for maintaining current documents and resubmitting copies to the Owner and/or Project Supervisor/Monitor for any worker whose documents expire during the project. Any worker observed on a job site who either is not approved to conduct work by the Owner and/or Project Supervisor/Monitor or has been approved but documentation pertaining to training, medical evaluation, or respiratory fit testing has expired, will be instructed to stop work until these documents are received by the Owner and/or Project Supervisor/Monitor and the worker is approved to perform work that disturbs lead. Submittals Provided During The Work Or Following Completion Of The Work If Applicable.

C Depending on the document, these documents must be provided the Owner and/or Project Supervisor/Monitor on an ongoing basis during the work, or if appropriate following completion of the physical activities associated with the project. The documents must be received and approved by the Owner and/or Project Supervisor/Monitor before the work is considered complete.

1 Daily sign-in sheet for each worker entering a lead regulated area,

2 The Contractor must provide the results of exposure sampling done to comply with the requirements of 8 CCR 1532.1 (d) and the requirements of this work plan.

3 The Contractor must provide blood sampling and analysis results of lead (BLL) and zinc protoporphyrin (ZPP) levels for all workers who are represented by air monitoring results that exceed the Action Level. Typically, the Project Supervisor/Monitor will require blood lead sampling for all workers on a work shift if one or more air sampling results for that shift is above the Action Level.

4 The written results of the blood sampling analysis must be provided the Owner and/or Project Supervisor/Monitor within 21 days of the exposure over the Action Level or within 12 days of the completion of the project, whichever comes first.

2.07 Third-party Oversight

A The Owner may utilize the services of an independent third-party Consultant to provide oversight of work that disturbs lead on this project. The Contractor shall treat this third-party Consultant as a designated Owner's Representative. The Owner's Representative is expected to perform some or all of the following activities on this project, but may also conduct other activities as needed:

1 Visually monitor the work practices of the Contractor's employees to determine that the work is being done in compliance with this work plan. The Owner's Representative may conduct this activity on a continual basis or may make unannounced random visits to the project site to check on the Contractor's performance.

2 Visually inspect for the presence of visible emissions suspected to contain lead.

3 Conduct area air monitoring in accordance with accepted methods.

4 Collect bulk samples of relevant materials to determine the presence or absence of lead.

5 Visually inspect the work area for cleanliness after completion of the work.

2.08 Air Sampling By The Owner's Representative

A The Owner's Representative may choose to collect area samples downwind, outside of the regulated work area. These sample results will be compared to background air samples upwind or samples collected prior to the beginning of work. Sample results indicating airborne lead emissions at or above five micrograms per cubic meter (5 ug/m^3) above background levels will be interpreted to mean that the Contractor and/or subcontractor's containment or engineering controls are inadequate. This may result in the temporary stoppage of work until the Owner's Representative is assured that airborne lead levels will significantly diminish by the change in work practices or engineering controls.

2.09 Notification of Employers of Employees in Adjacent Areas

A The Contractor and subcontractors who will disturb lead are responsible for ensuring that employers of employees in areas adjacent to the work being conducted have been notified that work disturbing lead will take place.

2.10 Suspension Of Work

A The Owner's Representative may suspend all work that disturbs lead if wind speeds are more than fifteen miles per hour, or if in the judgment of the Owner's Representative, other factors exist that determine the work must be stopped because of the potential for the creation of lead hazards.

2.11 Testing For Lead In Paints, Coatings, Ceramic Tile, And Other Materials

A The Owner does not anticipate paying for additional testing. However, in some cases, it may be in the interest of the contractor and/or subcontractors to determine the exact concentration of lead in the paint or coating since that will affect Cal/OSHA and CDPH compliance issues.

B Should the contractor and/or subcontractor wish the paint or ceramic tile to be tested, they will need to request this of the Owner's Representative. This testing must be done by a CDPH-certified lead inspector/risk assessor approved by the Owner's Representative and paid for by the contractor and/or subcontractor requesting the testing.

2.12 Wet Work Practices

A Unless determined infeasible by the Owner's Representative, all disturbance of lead-containing materials must utilize wet methods for dust suppression.

2.13 Work Involving Whole Component Removal Or Demolition Of Entire Structures:

A Lead-containing paint on construction debris is generally not considered a hazardous waste in California. However, until testing, the structures may result in all construction debris from that site being considered a hazardous waste.

B Any paint debris generated during this work must be separated into appropriate waste streams and handled as a hazardous waste, or as deemed appropriate as discussed in Part 1.20 Lead Waste Management.

C The manual demolition or removal of painted components involving over 100 square feet of material does not trigger the Cal/OSHA pre-work notification as stated in 8 CCR 1532.1 (p) if the material in not lead-based paint.

2.14 Prohibited Work Practices

A The following work activities are prohibited on the project:

1 Open-flame burning or torching.

2 Machine sanding or grinding of lead materials or surfaces coated with lead unless the machine is equipped with a HEPA-filtered-vacuum recovery system.

3 Un-contained hydro-blasting or high-pressure washing.

4 The use of power washing to remove loose and peeling paint without containment.

5 Abrasive blasting or sandblasting without a HEPA-filtered-vacuum recovery system or done outside of a negative pressure enclosure.

6 Heat guns operating above 1,100 °F.

7 Dry scraping of lead-based paint, except for limited areas where electrical hazards create a higher risk than lead or unless specifically approved by the Project Supervisor/Monitor.

8 Use of methylene chloride-based paint strippers.

2.15 Work Site Preparation & Containment Requirements

A The Contractor and/or subcontractor is required to contain the disturbance of lead in a manner that prevents lead-contaminated dust, debris, water, or air from leaving the regulated work area in an uncontrolled fashion.

2.16 Personal Air Sampling

B The Contractor and subcontractors are responsible for conducting personal air monitoring during disturbance of lead in compliance with the requirements of 8 CCR 1532.1. At a minimum, Contractors and subcontractors shall conduct representative exposure monitoring on workers on a daily basis whenever those workers will conduct trigger task activities that will take longer than one hour to complete in an eight-hour shift. In addition, air sampling must be done for any work for which the Project Owner's Representative believes has a reasonable potential for generating airborne lead at or above the Action Level. The Owner's Representative will not allow work to proceed if the Contractor is not prepared to conduct the necessary monitoring.

2.17 Personal Protective Equipment

A The Contractor shall use respirators and personal protective equipment as required by 8 CCR 1532,1 and as appropriate based on personal air monitoring results. All respirators must be approved by NIOSH. Respirator fit test records and the respiratory protection program shall be retained on site as part of the project documentation if respiratory protection is used on this project. Disposable dust/mist respirators shall not be used.

2.18 Decontamination Procedures

A Decontamination procedures shall be established by the Contractor and subcontractor depending upon the airborne concentrations of lead as well as the amount of dust and debris created by the work. At a minimum, the decontamination procedures shall be in compliance with 8 CCR 1532.1 (i) (1-5). As stated in 8 1532.1 (i) (1-5).

B For work that does not exceed the PEL, the Contractor and/or subcontractor must assure that a hand-washing station is available and used by the supervisor and workers. For work that exceeds the PEL, the Contractor must ensure that workers shower, at a minimum at the end of the work shift as required by 8 CCR 1532.1.

2.19 Final Inspection Of The Work Area

A The Owner's Representative will visually inspect the work area to determine that there is no visible dust or debris still in the area that is reasonably expected to have been generated by the work.

2.20 Lead Waste Management

A Proper testing and disposal of all waste material is the responsibility of the Contractor.

B The Contractor must plan the work in order to minimize the generation of hazardous waste during the disturbance of lead-containing materials. The Contractor must create separate waste streams as necessary. This particularly includes the separation of any loose paint chips or flakes from other construction debris. All waste streams must be identified by the Contractor before the work begins and separated during the course of the project to minimize costs of disposal.

C The Contractor is responsible for all costs associated with the testing, removal, packing, loading, shipping, and disposal of lead containing waste generated during this project.

D The Contractor is required to comply with all regulations in Title 8 Section 1532.1 Lead in Construction and Cal/EPA Title 22 for waste classification and disposal.

2.21 Waste Manifests

A For all hazardous waste that requires an EPA manifest, the Contractor must coordinate with the Owner for signature of the manifest. **Hazardous Waste Manifest shall only be signed by the Owners Representative.** The Contractor must notify the Owner a minimum of 48 hours in advance of the need for a signature. Hazardous waste cannot be transported without an authorized signature. It is the responsibility of the Contractor to coordinate with the Owner the time waste transporters will need the signature. Delays resulting from the failure of the Contractor to obtain an authorized signature from the Owner will be the sole responsibility of the Contractor. The Contractor must properly label all hazardous waste containers before they leave the job site according to the requirements of DTSC and DOT.

End of Part 2

PART 3 - REMOVAL AND DISPOSAL OF LIGHTING BALLASTS AND FLUORESCENT LIGHTING TUBES/LAMPS

3.01 REMOVAL AND DISPOSAL OF LIGHTING BALLASTS

A Contractor shall provide for the proper removal, handling, and disposal/recycling of all lighting ballasts requiring removal in this contract.

B Ballasts not specifically marked as "NO PCB's" shall be assumed to contain Polychlorinated Biphenyls and disposed of as hazardous waste. All other ballast shall be recycled.

C All leaking fluid from a PCB containing ballast shall be treated as PCB contaminated fluid.

D PCB ballasts and all contaminated materials shall be packaged in steel drums by the Contractor for transportation to an incineration site approved by the Owner's Representative.

E Provide manifest for disposal of PCB containing ballast per Section 2.21.

F The Abatement Contractor shall be responsible for using only waste haulers who are currently licensed in the state of California. The Abatement Contractor shall provide to the Owner's Representative a copy of the waste haulers state certificate for hauling hazardous waste.

G The Contractor shall provide the location and classification of the incineration site being used to dispose the PCB containing waste.

3.02 REMOVAL OF FLUORESCENT LIGHTING TUBES/LAMPS

A The Contractor shall provide for the proper removal, handling, packaging, transportation, and disposal/recycling of all fluorescent lighting tubes/lamps and associated contaminated materials requiring removal in this contract.

End of Part 3

Appendix A

Asbestos - Lead Paint Survey Reports

Asbestos and Lead Based Paint Survey Report

For

Sacramento City College Mohr Hall
3835 Freeport Boulevard, Sacramento, CA 95822

Prepared For:

Los Rios Community College District
3753 Bradview Drive
Sacramento, CA 95827

Prepared By:

Environmental Construction Services, Inc.
P.O. Box 5277
Bay Point, CA 94565

Ryan Govan
DOSH CAC #92-0375
CDPH Inspector / Assessor # I -20975
ryan@ecsenv.com

March 7, 2016
Updated May 25, 2018

Table of Contents

Updated May 25, 2018

Asbestos and Lead Based Paint Survey Report
For
Sacramento City College Mohr Hall
3835 Freeport Boulevard, Sacramento, CA 95822

1. Introduction:

A site survey was conducted at Sacramento City College Mohr Hall on December 29 and 31, 2015. Additional sampling of concrete materials was conducted on May 19, 2018. The purpose of the survey was to determine the presence of Asbestos Containing Materials (ACMs) and Lead Based Paint (LBPs). The survey was performed for compliance with the Environmental Protection Agency (EPA) National Emission Standards for Hazardous Air Pollutants (NESHAP), Sacramento Metropolitan Air Quality Management District (SMAQMD) Rule 902, California Department of Public Health (CDPH), and Cal/OSHA prior to demolition of the buildings.

Mr. Ryan Govan of Environmental Construction Services, Inc. Services, Inc., a California Division of Occupational Health and Safety (DOSH) Certified Asbestos Consultant (CAC) and California Department of Public Health (CDPH) Lead Inspector conducted the survey.

2. Site Description:

The site consists of a 22,300 sq.ft. classroom and office building constructed in 1961. The building is of brick and mortar and concrete construction with plaster interior walls and ceilings. Flooring is vinyl asbestos tiles throughout the classrooms and offices, and ceramic tiles in the restrooms. Windows are metal framed with glazing compounds. Hot water is supplied from a boiler located in the basement. Chilled water is supplied from an outside source. Hot water and chilled water supply and return pipes are run to air handlers on the roof. There is also an abandoned hot water system with insulated pipes remaining above ceilings, inside walls, and in trenches under the concrete floor. Roofs are foam over built up roofing.

3. Summary of ACM:

ACM located in this survey are shown in the following table. The table indicates the asbestos content, friable (yes or no) EPA Category (RACM, Category 1 or Category 2 Non Friable), and OSHA work classifications (1-4 or unclassified).

Summary of ACM			
Description	**Asbestos Present**	**Friable EPA Category OSHA Wk Class**	**Estimated Quantity**
Pipe insulation on hot water pipes above ceilings and inside walls.	20% Amosite. 20% Chrysotile.	Yes RACM Class I	1,300 l.f.
Pipe insulation on hot water pipes in pipe trench below floor.	35% Amosite.	Yes RACM Class I	1,515 l.f.

Summary of ACM			
Description	**Asbestos Present**	**Friable EPA Category OSHA Wk Class**	**Estimated Quantity**
Pipe insulation on hot water and chill water pipes in pipe trench below floor and exterior from Mohr Hall to Lillard Hall.	35% Amosite.	Yes RACM Class I	600 l.f.
Floor tile and floor tile mastic.	Tile – 3% Chrysotile. Mastic – 2% Chrysotile.	No Cat II Class II	20,300 sq.ft.
Plaster skim coat on walls and ceilings.	1.75% Chrysotile.	Yes RACM Class I	23,200 sq.ft.
Mastic on vinyl floor base.	0.3% Tremolite	N/A N/A Unclassified	3,500 l.f.
Mastic on 12" textured style acoustic wall/ceiling tiles.	0.5% Tremolite	N/A N/A Unclassified	2,500 sq.ft.
2'x4' fissured ceiling tile in room 5A.	5% Amosite.	Yes RACM Class II	110 sq.ft.
Transite flue pipe at upper wall in basement mechanical room through column in room 5A to roof.	20% Chrysotile. 8% Crocidolite.	No Cat II Class II	15 l.f.
Silver paint on built up roofing under foam roofs.	0.60% Chrysotile.	N/A N/A Unclassified	24,400 sq.ft.
Black tar wrap on hot water pipes at radiators.	3% Chrysotile.	No Cat II Class II	42 l.f. (21 Radiators)
Window glazing compounds on interior door and hallway windows.	<0.25 Chrysotile.	N/A N/A Unclassified	24 sq.ft. (40 windows)
Window glazing compounds on exterior windows.	<0.25 Chrysotile.	N/A N/A Unclassified	212 sq.ft. (88 windows)
Interior Doors	3% Amosite. 10% Chrysotile.	Yes RACM Class II	945 sq.ft. (45 Doors)

***Cat I and Cat II non friable materials that will be subject to mechanical forces during removal or demolition will be designated as RACM. N/A = Not Applicable**

4. Summary of Lead-Based Paints:

Lead testing performed with an X-Ray Fluorescence Spectrum Analyzer (XRF) and laboratory results indicated lead based paint or lead containing paint used on the following interior and exterior building components:

Lead Based Paint >5000 mg/kg:

- Beige paint on metal hand rails in room 2, and at exterior stairs to basement.
- Red, green, and orange paint on interior metal door frames.
- Beige paint metal louvers at basement mechanical room.

Lead Containing Paint:

- Beige paint on concrete walls.
- Green and beige paint on interior plaster walls and ceilings.
- White paint over red on roof air handlers and ducts.

5. Asbestos Sample Results

The following samples of materials suspected to contain asbestos were collected and delivered to EMSL Analytical in San Leandro**,** California for asbestos analysis. The samples were analyzed by Polarized Light Microscopy (PLM) method EPA 600/R-93/116 to determine their asbestos type and content**.** Quantification using PLM 400 or 1000 Point Count Procedure was performed on samples reported to contain low levels of asbestos by standard PLM. Gravimetric reduction was used on mastic samples. EMSL is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP). The results of the analysis are as follows:

Asbestos PLM Point Count Sample Results		
Sample No.	**Description**	**Results**
A-05	Brown mastic on tan vinyl floor base, Room 7.	0.3% Tremolite.
A-06	Brown mastic on tan vinyl floor base, Room 25B.	<0.25% Tremolite.
A-07	Brown mastic on tan vinyl floor base, Room 30.	<0.25% Tremolite.
A-17	Wall plaster skim coat, Room 7.	1.75% Chrysotile.
A-34	Brown mastic on 12" textured wall tile, Room 21.	<0.25% Tremolite.
A-35	Brown mastic on 12" textured ceiling tile, corridor at Room 34.	<0.25% Tremolite.
A-36	Brown mastic on 12" textured wall tile, Room 1.	0.5% Tremolite.
A-57	Window glazing compound in door window at Room 7.	<0.25% Chrysotile.
A-58	Window glazing compound in door window at Room 10.	<0.25% Chrysotile.
A-59	Window glazing compound in interior window at Room 18.	<0.25% Chrysotile.
A-68	Silver paint on built up roofing under foam. 1000 Point Count	0.60% Chrysotile.
A-78	Window glazing compound at Room 35.	<0.25% Chrysotile.
A-79	Window glazing compound at Room 35.	<0.25% Chrysotile.
A-80	Window glazing compound at Room 35.	<0.25% Chrysotile.

Asbestos Standard PLM Sample Results		
Sample No.	**Description/Location**	**Results**
A-01	**Tan 9" floor tile, black mastic, Room 5A**	**Tile – 2% Chrysotile.** **Mastic – 10% Chrysotile.**
A-02	**White 12" floor tile, black mastic, corridor at janitor closet.**	**Tile – None Detected.** **Mastic – 2% Chrysotile.**
A-03	**White 12" floor tile, black mastic, Room 17C.**	**Tile – None Detected.** **Mastic – 2% Chrysotile.**
A-04	**White 12" floor tile, black mastic, Room 29.**	**Tile – None Detected.** **Mastic – 2% Chrysotile.**

Asbestos Standard PLM Sample Results		
Sample No.	**Description/Location**	**Results**
A-05	**Brown mastic on tan vinyl floor base, Room 7.**	**Base – None Detected.** **Mastic – <1% Chrysotile.**
A-06	**Brown mastic on tan vinyl floor base, Room 25B.**	**Base – None Detected.** **Mastic – <1% Chrysotile.**
A-07	**Brown mastic on tan vinyl floor base, Room 30.**	**Base – None Detected.** **Mastic – <1% Chrysotile.**
A-08	**Brown mastic on black vinyl floor base, corridor at janitor closet.**	**Base – None Detected.** **Mastic – <1% Chrysotile.**
A-09	**Brown mastic on black vinyl floor base, corridor at Room 29.**	**Base – None Detected.** **Mastic 1 – <1% Chrysotile.** **Mastic 2 – None Detected.**
A-10	**Brown mastic on black vinyl base, Room 36**	**Base – None Detected.** **Mastic 1 – <1% Chrysotile.** **Mastic 2 – None Detected.**
A-11	**Beige 12" floor tile, black mastic, Room 35.**	**Tile – None Detected.** **Mastic – 4% Chrysotile.**
A-12	**Beige 12" floor tile, black mastic, Room 31A.**	**Tile – None Detected.** **Mastic – 2% Chrysotile.**
A-13	Brown vinyl base with tan mastic, Room 31A.	Base – None Detected. Mastic – None Detected.
A-14	Brown vinyl base with tan mastic, Room 31A.	Base – None Detected. Mastic – None Detected.
A-15	**Tan floor tile, black mastic under beige 12" floor tile, Room 31A.**	**Tile – 3% Chrysotile.** **Mastic – 4% Chrysotile.** **Compound – None Detected.**
A-16	Beige 12" floor tile, orange mastic, Room 27.	Tile – None Detected. Mastic – None Detected.
A-17	**Wall plaster, skim coat, Room 7.**	**Plaster – None Detected.** **Skim Coat – 2% Chrysotile.**
A-18	**Wall plaster, skim coat, Room 2.**	**Plaster – None Detected.** **Skim Coat – 2% Chrysotile.**
A-19	**Wall plaster, skim coat, men's restroom.**	**Plaster – None Detected.** **Skim Coat – 2% Chrysotile.**
A-20	**Wall plaster, skim coat, Room 17B.**	**Plaster – None Detected.** **Skim Coat – 2% Chrysotile.**
A-21	**Wall plaster, skim coat, Room 27.**	**Plaster – None Detected.** **Skim Coat – 2% Chrysotile.**
A-22	**Wall plaster, skim coat, corridor at Room 29.**	**Plaster – None Detected.** **Skim Coat – 2% Chrysotile.**
A-23	**Wall plaster, skim coat, Room 36.**	**Plaster – None Detected.** **Skim Coat – 2% Chrysotile.**
A-24	**Wall plaster, skim coat, Room 35.**	**Plaster – None Detected.** **Skim Coat – 2% Chrysotile.**
A-25	Wall plaster, skim coat, Room 31.	Plaster – None Detected. Skim Coat – None Detected.
A-26	Drywall and joint compound, Room 31.	Drywall – None Detected. Compound – None Detected. Skim Coat – None Detected.
A-27	Drywall and joint compound, Room 27.	Drywall – None Detected. Compound – None Detected.

Asbestos Standard PLM Sample Results		
Sample No.	**Description/Location**	**Results**
A-28	Drywall and joint compound at soffit in corridor at Room 9.	Drywall – None Detected. Compound – None Detected.
A-29	12" perforated ceiling tile, brown mastic, Room 31.	Tile – None Detected. Mastic – None Detected.
A-30	12" perforated ceiling tile, brown mastic, tan mastic, Room 36.	Tile – None Detected. Mastic 1 – None Detected. Mastic 2 – None Detected.
A-31	12" perforated ceiling tile, brown mastic, Room 21.	Tile – None Detected. Mastic – None Detected.
A-32	2'x4' fissured ceiling tile, Room 21.	None Detected.
A-33	Drywall and joint compound above soffit, Room 21.	Drywall – None Detected. Compound – None Detected.
A-34	**12" textured wall tile, brown mastic, Room 21.**	**Tile – None Detected.** **Mastic – <1% Chrysotile.**
A-35	**12" textured ceiling tile, brown mastic, corridor at Room 34.**	**Tile – None Detected.** **Mastic – <1% Chrysotile.**
A-36	**12" textured wall tile, brown mastic, Room 1.**	**Tile – None Detected.** **Mastic – <1% Chrysotile.**
A-37	12" fissured wall tile, brown mastic, Room 1.	Tile – None Detected. Mastic – None Detected.
A-38	**2'x4' fissured ceiling tile, Room 5A.**	**5% Amosite.**
A-39	**Pipe insulation on black pipe above ceiling, Room 5A.**	**15% Amosite.** **5% Chrysotile.**
A-40	Pipe insulation on 6" pipe riser, Room 7.	Insulation – None Detected. Jacket – None Detected.
A-41	Grout and mortar under 2" tan ceramic floor tile, men's Room.	None Detected.
A-42	Tan 2" ceramic wall tile, white mastic, men's Room.	Tile – None Detected. Grout – None Detected. Mortar – None Detected. Mastic – None Detected.
A-43	Grout and mortar under 2" tan ceramic wall tile, women's Room.	Tile – None Detected. Grout – None Detected. Mortar – None Detected. Mastic – None Detected.
A-44	Grout and mortar under 2" tan ceramic floor tile, women's Room.	None Detected.
A-45	Brick and mortar, Room 9.	Brick – None Detected. Mortar – None Detected.
A-46	Brick and mortar, corridor at Room 4.	Brick – None Detected. Mortar – None Detected.
A-47	Brick and mortar, Room 21.	Brick – None Detected. Mortar – None Detected.
A-48	Brick and mortar, corridor at Room 27.	Brick – None Detected. Mortar – None Detected.
A-49	Brick and mortar, corridor at Room 35.	Brick – None Detected. Mortar – None Detected.
A-50	**Pipe insulation debris above corridor ceiling at Room 10.**	**20% Amosite.** **20% Chrysotile.**
A-51	Joint seam tape on duct above corridor ceiling at Room 10.	None Detected.

Asbestos Standard PLM Sample Results		
Sample No.	**Description/Location**	**Results**
A-52	2'x4' fissured ceiling tile, Room 35. (Common tile)	None Detected.
A-53	2'x4' fissured ceiling tile, Room 35. (Replacement tile)	None Detected.
A-54	2'x4' fissured ceiling tile, Room 33.	None Detected.
A-55	Joint seam tape on duct above ceiling, Room 33.	None Detected.
A-56	Joint seam tape on duct above ceiling, corridor at Room 36.	None Detected.
A-57	**Window glazing compound in door window at Room 7.**	**<1% Chrysotile.**
A-58	**Window glazing compound in door window at Room 10.**	**<1% Chrysotile.**
A-59	**Window glazing compound in interior window at Room 18.**	**<1% Chrysotile.**
A-60	**Window glazing compound in door window at Room 35.**	**<1% Chrysotile.**
A-61	Insulation on hot water elbow, Basement.	None Detected.
A-62	Insulation on hot water elbow, Basement.	None Detected.
A-63	Insulation on hot water elbow, Basement.	None Detected.
A-64	Insulation on cold water elbow, Basement.	None Detected.
A-65	White pipe insulation debris on floor, Basement.	None Detected.
A-66	Built up roofing under foam.	Paint – None Detected. Felt 1 – None Detected. Mastic – None Detected. Felt 2 – None Detected. Membrane – None Detected. Foam – None Detected. Insulation – None Detected.
A-67	Built up roofing under foam.	Paint – None Detected. Felt 1 – None Detected. Mastic – None Detected. Felt 2 – None Detected. Membrane – None Detected. Foam – None Detected. Felt 3 – None Detected. Insulation – None Detected.
A-68	**Built up roofing under foam.**	**Paint – <1% Chrysotile.** **Felt 1 – None Detected.** **Mastic – None Detected.** **Felt 2 – None Detected.** **Membrane – None Detected.** **Foam – None Detected.** **Insulation – None Detected.**
A-69	Insulation on hot water pipe on roof.	None Detected.
A-70	Insulation on hot water pipe on roof.	None Detected.
A-71	Insulation on hot water pipe on roof.	None Detected.
A-72	Insulation on cold water pipe on roof.	None Detected.
A-73	Insulation on cold water pipe on roof.	None Detected.
A-74	Insulation on cold water pipe on roof.	Insulation 1 - None Detected. Wrap – None Detected. Insulation 1 - None Detected.
A-75	Insulation on hot water pipe on roof.	None Detected.
A-76	Insulation on cold water pipe on roof.	None Detected.
A-77	Insulation on hot water pipe on roof.	Insulation - None Detected. Wrap – None Detected.
A-78	**Window glazing compound at Room 35.**	**<1% Chrysotile.**

Asbestos Standard PLM Sample Results		
Sample No.	**Description/Location**	**Results**
A-79	**Window glazing compound at Room 35.**	**<1% Chrysotile.**
A-80	**Window glazing compound at Room 35.**	**<1% Chrysotile.**
A-81	Exterior stucco on exterior room at west end.	Stucco - None Detected. Skim Coat – None Detected.
A-82	Exterior stucco on exterior Room at west end.	Stucco - None Detected. Skim Coat – None Detected.
A-83	Exterior stucco on exterior Room at west end.	Stucco - None Detected. Skim Coat – None Detected.
A-84	Composition roofing on exterior room at west end.	Shingle – None Detected. Mastic – None Detected.
A-85	**Pipe insulation on 4" return pipe in concrete trench at top of wall exiting basement mechanical room.**	**35% Amosite.**
A-86	**Pipe insulation on hot water supply pipe in concrete trench at top of wall exiting basement mechanical room.**	**35% Amosite.**
A-87	**Transite pipe at upper wall, basement mechanical room.**	**20% Chrysotile.** **8% Crocidolite.**
A-88	**Pipe insulation sleeve at chilled water supply in concrete trench at top of wall exiting basement mechanical room.**	**35% Amosite.**
A-89	Pipe insulation on hot water pipe riser, room 7.	Insulation – None Detected. Wrap – None Detected.
A-90	Pipe insulation on chill water return pipe riser, room 7.	Insulation – None Detected. Wrap – None Detected.
A-91	Pipe insulation on chill water supply pipe riser, room 7.	Insulation – None Detected. Wrap – None Detected.
A-92	Black wrap on hot water pipe at radiator, room 9.	3% Chrysotile.
A-93	Insulation inside door to room 36.	3% Amosite. 10% Chrysotile.
A-94	Insulation inside door to room 36.	3% Amosite. 10% Chrysotile.
A-95	Insulation inside door to room 1.	3% Amosite. 10% Chrysotile.
A-96	Concrete boiler pad 1, basement mechanical room.	None Detected.
A-97	Concrete boiler pad 2, basement mechanical room.	None Detected.
A-98	Concrete slab, basement mechanical room.	None Detected.
A-99	Concrete wall, basement mechanical room.	None Detected.
A-100	Brown chalkboard mastic in corridor at women's restroom.	None Detected.
A-101	Brown chalkboard mastic, room 7.	None Detected.
A-102	Brown chalkboard mastic, room 27.	None Detected.
A-103	Brown chalkboard mastic, room 1.	None Detected.
A-104	Brown chalkboard mastic in corridor at room 17.	None Detected.
A-105	Concrete slab, room 32.	None Detected.
A-106	Concrete slab, room 35.	None Detected.
A-107	Concrete slab, room 31.	None Detected.
A-108	Concrete slab, room 27.	None Detected.
A-109	Concrete slab, room 20.	None Detected.
A-110	Concrete slab, room 15	None Detected.
A-111	Concrete slab, room 7.	None Detected.
A-112	Concrete slab, room 5.	None Detected.
A-113	Concrete slab, room 2.	None Detected.

Asbestos Standard PLM Sample Results		
Sample No.	**Description/Location**	**Results**
A-114	Concrete wall, room 5.	None Detected.
A-115	Concrete wall, room 15.	None Detected.
A-116	Concrete wall, room 25.	None Detected.
A-117	Concrete wall, room 31.	None Detected.
A-118	Concrete wall, room 5.	None Detected.
A-119	Concrete ceiling, room 5.	None Detected.
A-120	Concrete ceiling, room 15.	None Detected.
A-121	Concrete ceiling, room 27.	None Detected.
A-122	Concrete ceiling, room 31.	None Detected.
A-123	White sealer/tape where rebar penetrates duct at ceiling, room 31.	None Detected.
A-124	White sealer/tape where rebar penetrates duct at ceiling, room 31.	None Detected.
A-125	Concrete ceiling, room 36.	None Detected.
A-126	Exterior concrete step, North side.	None Detected.
A-127	Exterior exposed aggregate sidewalk, North side.	None Detected.
A-128	Exterior concrete bench, North side.	None Detected.
A-129	Exterior concrete sidewalk, North side.	None Detected.
A-130	Exterior exposed aggregate sidewalk, North side.	None Detected.
A-131	Exterior concrete sidewalk, North side.	None Detected.
A-132	Exterior pad, East side.	None Detected.
A-133	Concrete steps, East side.	None Detected.
A-134	Concrete sidewalk East side.	None Detected.
A-135	Concrete sidewalk, South Side.	None Detected.

6. Lead Paint Sample Results:

The lead paint survey was conducted using an Innov-X Model I-3000 X-Ray Fluorescence (XRF) Spectrum Analyzer (Serial No.5854). The survey included 86 XRF test including calibrations performed at the site and 17 paint chip samples collected for laboratory analysis.

This lead paint survey was conducted for the purpose of identifying lead-based paint on major building components. Federal EPA/HUD guidelines and Title 17, California Code of Regulations define a Lead Paint Inspection as an inspection that tests all painted surfaces in every room or area of the site. This survey did not comply with comprehensive HUD Lead Paint Inspection methods or protocol. Where LBP's are found in the areas tested, this survey will identify the individual architectural components and their respective concentration of lead in such a manner that this report could be used as a basis for subsequent demolition activities.

XRF results are presented in the XRF Field Data Report table and sample locations are indicated on the floor plans. Similar components on the same side are numbered from left to right.

XRF Field Data Report										
LBP - EPA HUD/ CCR Title 17 level for lead-based paint - ≥ 1.0 mg/cm^2. Neg – Levels below 0.1 mg/cm^2 cannot be verified as absent for lead in paint without laboratory confirmation.										
Sample No.	**Location**	**Side**	**Component/No**		**Substrate**	**Color**	**PB mg/cm^2**	**Pb +/-**	**Pos/Neg**	**Paint Condition**
1	Standard								Pass	

XRF Field Data Report										
LBP - EPA HUD/ CCR Title 17 level for lead-based paint - ≥ 1.0 mg/cm^2. Neg – Levels below 0.1 mg/cm^2 cannot be verified as absent for lead in paint without laboratory confirmation.										
Sample No.	**Location**	**Side**	**Component/No**		**Substrate**	**Color**	**PB mg/cm^2**	**Pb +/-**	**Pos/Neg**	**Paint Condition**
2	Calibration						> 1.09	0.05	Accept	
3	Calibration						> 1.09	0.06	Accept	
4	Calibration						> 1.06	0.06	Accept	
5	Calibration						0	0	Accept	
6	Calibration						0	0	Accept	
7	Calibration						0	0	Neg	Intact
8	Room 7	North	Cabinet		Wood	Green	0.08	0.04	Neg	Intact
9	Room 7	East	Wall		Concrete	Green	0.03	0.01	Neg	Intact
10	Room 7	East	Wall		Concrete	Green	0.01	0.04	Neg	Intact
11	Room 7	East	Wall		Concrete	Green	0.34	0.04	Neg	Intact
12	Room 7	North	Wall		Plaster	Green	0.05	0.03	Neg	Intact
13	Room 7	Center	Table top		Wood	Brown	0.04	0.03	Neg	Intact
14	Room 7A	Ceil	Ceiling		Plaster	White	0	0.01	Neg	Intact
15	Room 7	West	Door frame		Metal	Orange	0.04	0.03	Neg	Intact
16	Room 7	West	Door		Wood	Stain	0.01	0.04	Neg	Intact
17	Room 9	East	Wall		Concrete	Green	0	0.01	Neg	Intact
18	Room 9	North	Wall		Plaster	Green	0.02	0.02	Neg	Intact
19	Janitor	South	Wall		Plaster	Green	0.02	0.02	Neg	Intact
20	Janitor	East	Door frame		Door Frame	Orange	0.06	0.03	Neg	Intact
21	Janitor	East	Door		Wood	Stain	0	0.01	Neg	Intact
22	Room 5	South	Cabinet		Wood	Green	0.07	0.04	Neg	Intact
23	Room 5	South	Wall		Drywall	Beige	0.02	0.01	Neg	Intact
24	Room 5	East	Wall		Concrete	Beige	0	0	Neg	Intact
25	Room 5	Center	Cabinet under tables		Wood	Stain	0	0	Neg	Intact
26	Men's	East	Door frame		Metal	White	0	0	Neg	Intact
27	Men's	East	Door		Wood	Stain	0	0	Neg	Intact
28	Men's	North	2" wall tile		Ceramic	Tan	0	0	Neg	Intact
29	Men's	Center	Toilet partition		Plastic	Blue	0.01	0.01	Neg	Intact
30	Men's	Floor	2" Ceramic tile		Ceramic	Green	0	0	Neg	Intact
31	Corridor	West	Wall		Plaster	White	0	0	Neg	Intact
32	Room 2	West	Wall		Plaster	Tan	0.01	0.02	Neg	Intact
33	Room 2	West	Door frame		Metal	Stain	0.02	0.02	Neg	Intact
34	Room 2	West	Door		Wood	Stain	0.02	0.04	Neg	Intact
35	**Room 2**	**Center**	**Hand rail**		**Metal**	**White**	**> 5.00**	**0.93**	**Pos**	**Intact**
36	Room 3	South	Wall		Wood	Stain	0	0.01	Neg	Intact
37	Room 3	North	Chalk board		Wood	Black	0.01	0.03	Neg	Intact
38	Corridor	North	Wall		Plaster	White	0	0	Neg	Intact

XRF Field Data Report										
LBP - EPA HUD/ CCR Title 17 level for lead-based paint - ≥ 1.0 mg/cm^2. Neg – Levels below 0.1 mg/cm^2 cannot be verified as absent for lead in paint without laboratory confirmation.										
Sample No.	**Location**	**Side**	**Component/No**		**Substrate**	**Color**	**PB mg/cm^2**	**Pb +/-**	**Pos/Neg**	**Paint Condition**
39	Lobby	North	Column		Concrete	White	0	0.02	Neg	Intact
40	Room 15	North	Chalk board		Wood	Brown	0.03	0.07	Neg	Intact
41	Room 15	South	Wall		Concrete	Beige	0	0.01	Neg	Intact
42	Room 17	West	Wall		Plaster	Green	0.04	0.03	Neg	Intact
43	Room 17	Center	Table top		Formica	Tan	0	0	Neg	Intact
44	Room 21	South	Wall		Concrete	Green	0.02	0.02	Neg	Intact
45	Room 21	West	Wall		Plaster	Green	0.03	0.02	Neg	Intact
46	Corridor	North	Window frame		Metal	White	0.01	0.02	Neg	Intact
47	Room 18	South	Wall		Plaster	Green	0.05	0.05	Neg	Intact
48	Room 25	North	Door frame		Metal	Orange	0.09	0.04	Neg	Intact
49	Room 25	North	Door		Wood	Stain	0	0.01	Neg	Intact
50	Room 25	South	Wall		Concrete	Green	0	0.01	Neg	Intact
51	Room 27	East	Door		Wood	Beige	0.02	0.02	Neg	Intact
52	Room 27	East	Wall		Drywall	Beige	0	0	Neg	Intact
53	Room 27	South	Wall		Concrete	Beige	0	0	Neg	Intact
54	Room 27	North	Door frame		Metal	Red	0.06	0.04	Neg	Intact
55	Room 29	North	Cabinet		Wood	Yellow	0.09	0.04	Neg	Intact
56	Room 29	West	Wall		Plaster	Yellow	0.07	0.03	Neg	Intact
57	Room 29	North	Door frame		Meta;	White	0.09	0.04	Neg	Intact
58	Women's	West	Wall		Plaster	White	0	0	Neg	Intact
59	Women's	North	2" wall tile		Ceramic	Tan	0	0	Neg	Intact
60	Room 33	South	Wall		Plaster	Beige	0.05	0.04	Neg	Intact
61	Room 36	South	Wall		Plaster	Beige	0.05	0.03	Neg	Intact
62	Room 36	West	Door frame		Metal	Beige	0.02	0.02	Neg	Intact
63	Room 36	West	Door		Wood	Stain	0	0.01	Neg	Intact
64	Room 35	West	Wall		Concrete	Beige	0	0.01	Neg	Intact
65	Room 35	South	Wall		Plaster	Beige	0	0	Neg	Intact
66	Room 31	West	Wall		Concrete	Beige	0.06	0.01	Neg	Intact
67	Room 31	West	Wall		Concrete	Beige	0	0	Neg	Intact
68	Bsmt.	North	Wall		Concrete	Beige	0.01	0.03	Neg	Intact
69	**Bsmt.**	**East**	**Louvers**		**Metal**	**Beige**	**2.35**	**0.06**	**Pos**	**Intact**
70	Bsmt.	West	Wall		Concrete	Beige	0	0.01	Neg	Intact
71	Bsmt.	West	Exterior wall		Concrete	Beige	0.16	0.06	Neg	Intact
72	Bsmt.	East	Door		Metal	Beige	0	0.01	Neg	Intact
73	Roof		Duct		Metal	White over red	0.15	0.1	Neg	Intact
74	Roof		Duct		Metal	White over red	0	0	Neg	Intact

XRF Field Data Report

LBP - EPA HUD/ CCR Title 17 level for lead-based paint - ≥ 1.0 mg/cm^2.
Neg – Levels below 0.1 mg/cm^2 cannot be verified as absent for lead in paint without laboratory confirmation.

Sample No.	Location	Side	Component/No		Substrate	Color	PB mg/cm^2	Pb +/-	Pos/Neg	Paint Condition
75	Roof		Duct		Metal	White over red	0.26	0.05	Neg	Intact
76	Roof		Duct		Metal	White	0.01	0.03	Neg	Intact
77	Roof		Duct support		Metal	White	0	0.01	Neg	Intact
78	Roof		Roof flashing		Metal flashing	Brown	0.02	0.02	Neg	Intact
79	Roof		Fascia		Metal	Brown	0.02	0.05	Neg	Intact
80	Roof		Roof Ladder		Metal	Gray	0	0.01	Neg	Intact
81	Calibration						1.09	0.08	Accept	
82	Calibration						1.05	0.05	Accept	
83	Calibration						1.07	0.05	Accept	
84	Calibration						0	0	Accept	
85	Calibration						0	0	Accept	
86	Calibration						0	0	Accept	

Paint Chip Sample Results

LBP - EPA HUD/ CCR Title 17 level for lead-based ≥5000 mg/kg.
LCP- Cal/OSHA Lead in Construction standards apply if any detectable level of lead is present.
Neg – Meets Cal/OSHA requirements for a negative initial determination for lead.

Sample No.	Description/Location	Lab Result (mg/kg)	Pos/Neg	Paint Condition
L-01	Green paint on plaster wall, room 7.	2,200	LCP	Intact
L-02	Orange paint on metal door frame. Room 7.	2,700	LCP	Intact
L-03	Green paint over red on metal door frame, room 17A.	3,700	LCP	Intact
L-04	Stain on wood door, room 21.	410	LCP	Intact
L-05	Beige paint on concrete wall, room 21.	660	LCP	Intact
L-06	Red paint on metal door frame, room 27.	5,100	LBP	Intact
L-07	Beige paint on concrete wall, room 35.	170	LCP	Intact
L-08	Orange paint on metal door frame, room 35.	2,900	LCP	Intact
L-09	Beige paint on plaster wall, corridor.	<100	Neg	Intact
L-10	Beige paint on plaster wall, room 24.	1,300	LCP	Intact
L-11	Beige paint on concrete wall, basement.	<100	Neg	Intact
L-12	Beige paint on metal louvers, basement.	19,000	LBP	Intact
L-13	Beige paint over orange on metal hand rail outside basement.	260,000	LBP	Intact
L-14	Beige paint on exterior concrete wall at basement.	320	LCP	Intact
L-15	White paint over red on roof AC unit.	1,100	LCP	Intact
L-16	White paint over red on roof AC unit.	900	LCP	Intact
L-17	Brown paint on metal fascia.	370	LCP	Intact

7. Recommendations:

Asbestos:

The Environmental Protection Agency (EPA) National Emission Standards for Hazardous Air Pollutants (NESHAP) and Bay Area Air Quality Management District (BAAQMD) categorize asbestos containing materials in to three groups.

Regulated Asbestos Containing Materials (RACM) is defined as materials containing greater than one percent (>1%) asbestos that are friable (ACM that can be crumbled, pulverized, or reduced to powder, when dry, by hand pressure) or will be subjected to fire, or will be subjected to mechanical forces during removal or demolition.

Category I Non Friable ACM is defined as Asbestos containing packing's, gaskets, resilient floor coverings, and asphalt roofing products.

Category II Non Friable ACM is defined as Asbestos containing material, excluding Category I nonfriable asbestos containing material that, when dry, and in its present form, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

Registration with the Division of Occupational Safety and Health (DOSH) for asbestos-related work and asbestos certification on the Contractor's license is required for removal of greater than one hundred square foot (>100 sq.ft.) of ACM containing greater than one tenth of one percent (>0.1%). **Removal of any amount of asbestos containing any level of asbestos is subject to Cal/OSHA standards.**

Any removal or demolition activities that may impact asbestos containing materials should be performed in compliance with EPA and Cal/OSHA standards.

Lead Paint:

At present there is no state or federal regulation requiring mandatory lead removal or abatement prior to disturbance, demolition, or renovation of structures with identified lead materials. However, Cal/OSHA worker protection requirements and Cal/EPA waste disposal requirements do apply.

The HUD action level for lead-based paint is $\geq$1.0 mg/cm^2 by XRF or $\geq$5000 mg/kg by laboratory analysis. While HUD has developed procedures for lead paint inspections, the definition for lead-based paint may be irrelevant if the purpose of the survey is for establishing worker safety and construction debris disposal requirements.

XRF results above 0.1 mg/cm^2 in this survey should be considered to contain detectable amounts of lead for compliance with Cal/OSHA standards. Because XRF has a limit of quantification, the results cannot be used to determine that no lead is present for Cal OSHA worker protection purposes. Levels below 0.1 mg/cm^2 by XRF cannot be verified as absent for lead paint without laboratory confirmation.

California OSHA, Title 8 establishes work practice standards by comparing the level of lead in the material being handled and airborne lead levels. Therefore, any detectable level of lead requires there to be a worker protection program, however, it is based on the worker activity.

California Code of Regulations (CCR), Title 22 establishes hazardous waste disposal requirements. Any loose or easily separable lead paint greater than 1000 mg/kg total lead must be handled as a hazardous waste. Additional waste characterization by STLC and TCLP methods is required for components containing lead based paint or for paint chips reported at <1000 mg/kg. An XRF measures in weight of lead per surface area of material, while hazardous waste values are in weight of lead per weight of material. Therefore, XRF results cannot be correlated to hazardous waste criteria.

ECS recommends the following throughout demolition activities:

A. Comply with OSHA training, worker protection, and monitoring requirements when disturbing these surfaces. At a minimum, the Contractor and subcontractors must meet the lead training requirements as specified by 8 CCR 1532.1. This will include training all employees who drill, cut, scrape, abrade, remove, clean up debris, or in any other way are exposed to lead from painted surfaces covered by this project. Workers and supervisors must be CDPH Certified Lead-Related Construction Workers or Supervisors if they will conduct trigger tasks or other work reasonably expected to exceed the Cal/OHSA Permissible Exposure Limit (PEL).

B. Comply with California Code of Regulations (CCR), Title 22 waste characterization and disposal requirements.

8. Disclosure:

If for any reason the planned demolition of the building does not occur, a copy of this report or a summary must be provided to new lessees (tenants) and purchasers of this property under Federal law (Title 24 Code of Federal Regulations part 35 and Title 40 Code of Federal Regulations part 745) before they become obligated under a lease or sales contract. Landlords (lessors) and sellers are also required to distribute an educational pamphlet and include warning language in their leases or sales contracts to ensure that parents have the information they need to protect their children from lead-based paint hazards.

9. Inspection Limitations:

Construction materials that are considered non-suspect for asbestos under OSHA include solid metal, wood, glass and PVC plastic. Therefore, solid metal, wood, and glass should typically not be considered suspect as asbestos-containing.

ECS does not warrant or guarantee that all materials which may contain asbestos concealed inside walls, ceilings, sub floors, etc. can be located.

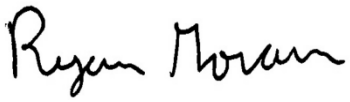
No absolute conclusions on all building components can be drawn from lead testing performed in this survey. There are some specific types of components, locations, or paint history that can use the information from this report for field verification, such as paint color or construction period, regarding the presence or absence of lead based paints.

Topics not explicitly discussed within this document should not be assumed to have been investigated.

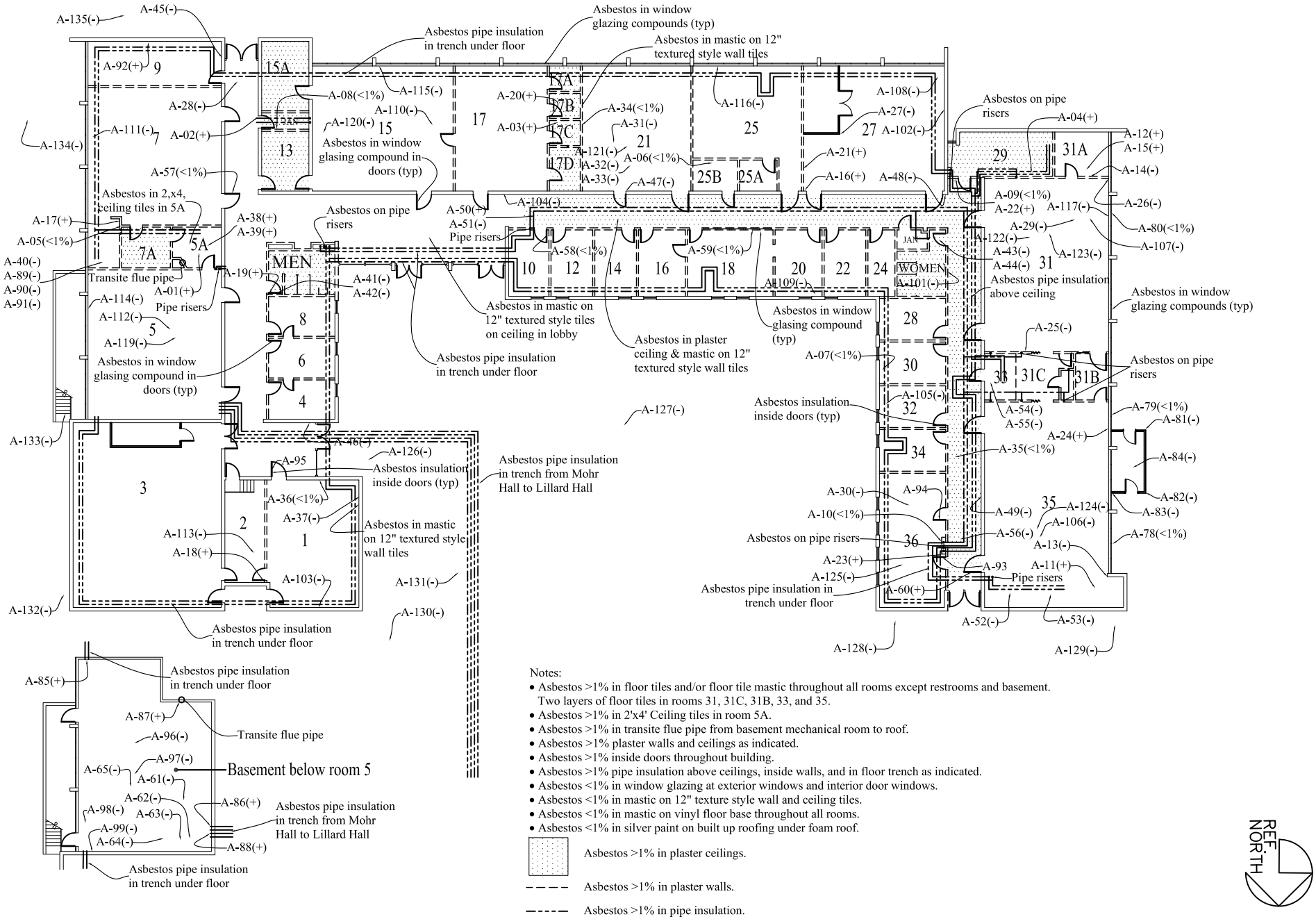
Personnel certifications, laboratory analysis reports, and drawings showing sample locations are attached. Copies of and equipment licenses are maintained in the office and are available for your review upon request.

Please call me with any questions you may have.

Sincerely,



Ryan Govan
DOSH CAC #92-0375
CDPH #I -20975



Notes:

- Asbestos >1% in floor tiles and/or floor tile mastic throughout all rooms except restrooms and basement. Two layers of floor tiles in rooms 31, 31C, 31B, 33, and 35.
- Asbestos >1% in 2'x4' Ceiling tiles in room 5A.
- Asbestos >1% in transite flue pipe from basement mechanical room to roof.
- Asbestos >1% plaster walls and ceilings as indicated.
- Asbestos >1% inside doors throughout building.
- Asbestos >1% pipe insulation above ceilings, inside walls, and in floor trench as indicated.
- Asbestos <1% in window glazing at exterior windows and interior door windows.
- Asbestos <1% in mastic on 12" texture style wall and ceiling tiles.
- Asbestos <1% in mastic on vinyl floor base throughout all rooms.
- Asbestos <1% in silver paint on built up roofing under foam roof.

Asbestos >1% in plaster ceilings.

Asbestos >1% in plaster walls.

Asbestos >1% in pipe insulation.

ECS
Environmental Construction Services, Inc.
P.O. Box 5277 Bay Point, CA 94565
(925) 370-2222 Fax (925) 370-2282

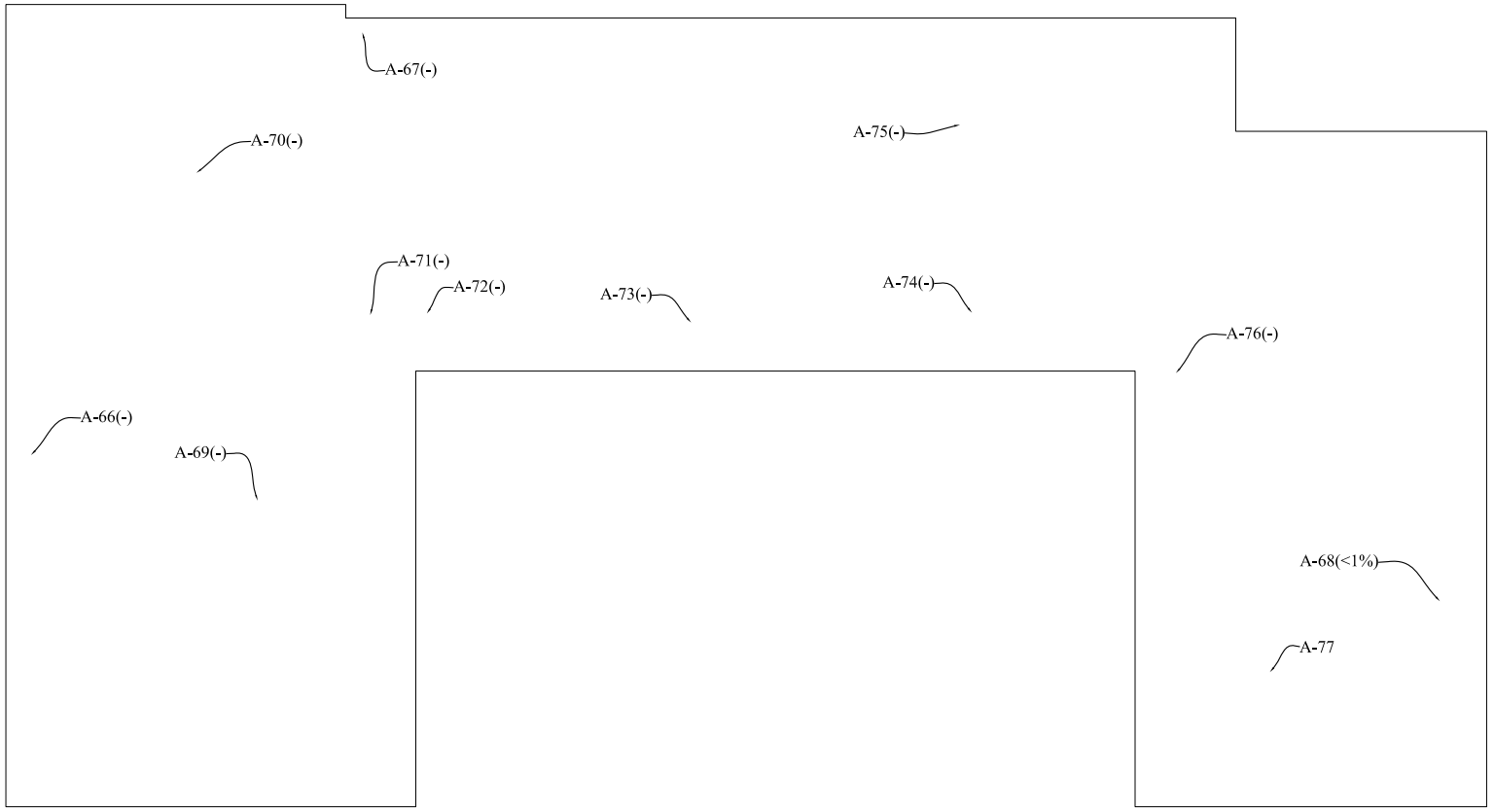
Sacramento City College Mohr Hall
3835 Freeport Blvd.
Sacramento, CA 95822

scale: 1/32"=1'-0"

date: Updated May 25, 2018

drawing title: Asbestos Survey Floor Plan

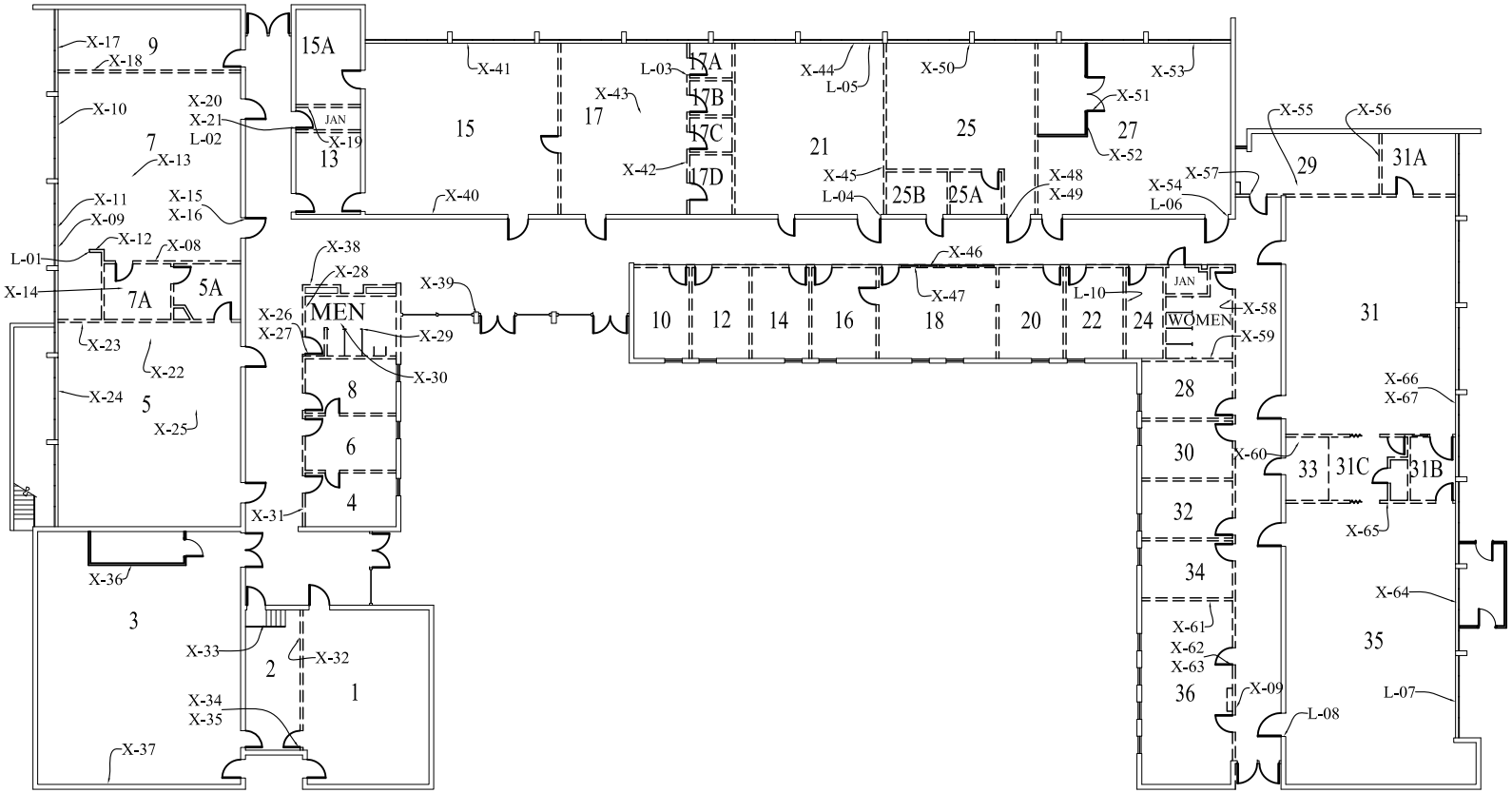
drawing no.: 1

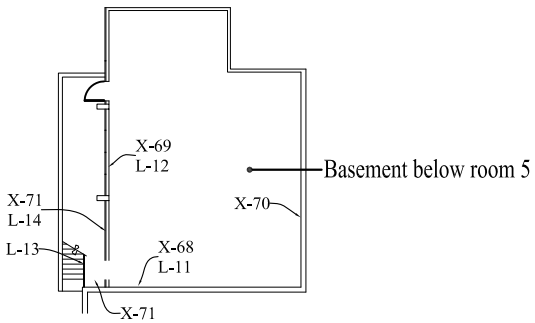


Notes:

- Asbestos <1% in silver paint on built up roofing under foam roof.

ECS Environmental Construction Services, Inc. P.O. Box 5277 Bay Point, CA 94565 (925) 370-2222 Fax (925) 370-2282		**Sacramento City College Mohr Hall** **3835 Freeport Blvd.** **Sacramento, CA 95822**	scale: 1/32"=1'-0" date: May 25, 208	drawing title: Asbestos Survey Roof Plan drawing no.: 2 drawing 2 of 4





Lead Based Paint >5000 mg/kg

- Beige paint on metal hand rails in room 2, and at exterior stairs to basement.
- Red, green, and orange paint on interior metal door frames.
- Beige paint metal louvers at basement mechanical room.

Lead Containing Paint >600 mg/kg

- Beige paint on concrete walls.
- Green and beige paint on interior plaster walls and ceilings.
- White paint over red on roof air handlers and ducts.

REF. NORTH

ECS
Environmental Construction Services, Inc.
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(925) 370-2222 Fax (925) 370-2282

Sacramento City College Mohr Hall
3835 Freeport Blvd.
Sacramento, CA 95822

scale: 1/32"=1'-0"
date: May 25, 2018
drawing title: Lead Based Paint Survey Floor Plan
drawing no.: 3
drawing 3 of 4

Lead Based Paint >5000 mg/kg

- Beige paint on metal hand rails in room 2, and at exterior stairs to basement.
- Red, green, and orange paint on interior metal door frames.
- Beige paint metal louvers at basement mechanical room.

Lead Containing Paint >600 mg/kg

- Beige paint on concrete walls.
- Green and beige paint on interior plaster walls and ceilings.
- White paint over red on roof air handlers and ducts.

REF. NORTH

ECS
Environmental Construction Services, Inc.
P.O. Box 5277 Bay Point, CA 94565
(925) 370-2222 Fax (925) 370-2282

Sacramento City College Mohr Hall
3835 Freeport Blvd.
Sacramento, CA 95822

scale: 1/32"=1'-0"
date: May 25, 2018

drawing title: Lead Based Paint Survey Roof Plan
drawing no.: 4
drawing 4 of 4

SACRAMENTO METROPOLITAN
AIR QUALITY
MANAGEMENT DISTRICT
777 12th Street, 3rd Floor
Sacramento, CA 95814
Office (916) 874-4800

ASBESTOS SURVEY

(See Instructions)

1. Building/Area Description

Sacramento City College Mohr Hall Classroom & Office Building

Address	City	# of Structures
3835 Freeport Boulevard	Sacramento	1

2. Owner Information

Name
Los Rios Community College District

Address	City/State	Zip
3753 Bradview Drive	Sacramento, CA	95827

Contact	Phone	Fax
Charlie Uhlmeyer	916-856-3400	(916) 856-3456

3. Consultant Information

Survey Date(s):
8/19/16, 11/25/16, 12/27/16

Company Name
Environmental Construction Services, Inc.

Name	DOSH #
Ryan Govan	CAC 92-0375

Address	City/State	Zip
P.O. Box 5277	Bay Point, CA	94565

Phone	Fax	Signature
925-370-2222	925-370-2282	Ryan Govan

4. Client Information (If different than owner)

☐ General Contractor ☐ Insurance Company
☐ Property Manager ☐ Other _____

Name

Address	City/State	Zip

Contact	Phone	Fax

5. Have all of the suspect materials that will be disturbed been sampled?

☒ Yes ☐ No

If no, explain why:

6. Summary of Total Asbestos Containing Material (ACM) Findings

Regulated Asbestos Containing Material (Includes materials subject to known mechanical removal and fire damaged materials)			Category II		Category I	
Square Ft.	Linear Ft.	Cubic Ft.	Square Ft.	Linear Ft.	Square Ft.	Linear Ft.
24,255	3,415	0	20,300	57	0	0

To receive future SMAQMD Rule updates and changes affecting your industry (check one box):

☐ Please send e-mail notices to _____ ☐ I will sign up myself at www.airquality.org/listserve/ to receive e-mailed notices.

☒ I am already subscribed. ☐ I want the District to mail notices to the address on this application: ☐ Owner ☒ Consultant

LEAD HAZARD EVALUATION REPORT

Section 1 — Date of Lead Hazard Evaluation 3/7/16

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

☐ Lead Inspection ☐ Risk assessment ☐ Clearance Inspection ☑ Other (specify) Lead Paint Demolition Survey

Section 3 — Structure Where Lead Hazard Evaluation Was Conducted

Address [number, street, apartment (if applicable)]	City	County	Zip Code
Sacramento City College, 3835 Freeport Blvd. Morh Hall	Sacramento	Sacramento	95822

Construction date (year) of structure	Type of structure	Children living in structure?
1961	☐ Multi-unit building ☑ School or daycare ☐ Single family dwelling ☐ Other_____	☐ Yes ☑ No ☐ Don't Know

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

Name	Telephone number
Los Rios Community College District - Josef Meyer	916-747-0399

Address [number, street, apartment (if applicable)]	City	State	Zip Code
3753 Bradview Drive	Sacramento	CA	95827

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

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

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

Section 6 — Individual Conducting Lead Hazard Evaluation

Name	Telephone number
Ryan Govan	(925) 370-2222

Address [number, street, apartment (if applicable)]	City	State	Zip Code
P.O. Box 5277	Bay Point	CA	94565

CDPH certification number	Signature	Date
I - 20975	Ryan Govan	3/7/16

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

Section 7 — Attachments

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

First copy and attachments retained by inspector

Second copy and attachments retained by owner

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

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

Appendix A
Laboratory Reports

EMSL Analytical, Inc
464 McCormick Street, San Leandro, CA 94577
Phone/Fax: (510) 895-3675 / (510) 895-3680
http://www.EMSL.com sanleandrolab@emsl.com

EMSL Order:	091600038
CustomerID:	ECSI85
CustomerPO:	
ProjectID:	

Attn: **Ryan Govan**
Environmental Construction Services,Inc.
PO Box 5277

Bay Point, CA 94565

Phone:	(925) 370-2222
Fax:	(925) 370-2282
Received:	01/02/16 1:15 PM
Analysis Date:	3/3/2016
Collected:	12/31/2015

Project: **SACRAMENTO CITY COLLEGE - MOHR HALL, 3835 FREEPORT BOULEVARD, SACRAMENTO, CA 95822**

Test Report: Polarized Light Microscopy (PLM) - Point Count Performed by EPA 600/R-93/116 Method with Gravimetric Reduction and 400 Point Count

SAMPLE ID	DESCRIPTIO	APPEARANCE	(%) Matrix Organic	Acid	NON- ASBESTOS % Fibrous	NON- ASBESTOS % NON-FIBROUS	ASBESTOS % TYPES
A-05-Mastic *091600038-0005A*	ROOM - BROWN MASTIC ON TAN VINYL BASE	Brown Fibrous Homogeneous	52.3	2.8		44.6 Non-fibrous (other)	0.3 Tremolite
A-06-Mastic *091600038-0006A*	ROOM 25B - BROWN MASTIC ON TAN VINYL BASE	Brown Fibrous Homogeneous	54.5	1.6		43.8 Non-fibrous (other)	<0.25 Tremolite
A-07-Mastic *091600038-0007A*	ROOM 30 - BROWN MASTIC ON TAN VINYL BASE	Brown Fibrous Homogeneous	51.1	3.6		45.3 Non-fibrous (other)	<0.25 Tremolite
A-34-Mastic *091600038-0034A*	ROOM 21 - 12" TEXTURED WALL TILE, BROWN MASTIC	Brown Fibrous Homogeneous	55.1	3.3		41.6 Non-fibrous (other)	<0.25 Tremolite
A-35-Mastic *091600038-0035A*	CORRIDOR AT ROOM 34 - 12" TEXTURED CEILING TILE, BROWN MASTIC	Brown Fibrous Homogeneous	55.2	0.4		44.4 Non-fibrous (other)	<0.25 Tremolite

Analyst(s)

Matthew Batongbacal (5)

Chris Dojlidko, Laboratory Manager
or other approved signatory

Disclaimers: Some samples may contain asbestos fibers present in dimensions below PLM resolution limits. The limit of detection as stated in the method is 0.25%. EMSL Analytical Inc. suggests that samples reported as <0.25% or none detected undergo additional analysis via TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical Inc.. This report must not be used to claim product endorsement by NVLAP or any agency of the United States Government. EMSL Analytical Inc. bears no responsibility for sample collection activities, analytical method limitations, or the accuracy of results whin requested to separate layer samples. EMSL Analytical Inc. liability is limited to the cost of sample analysis. The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample.

Samples analyzed by EMSL Analytical, Inc San Leandro, CA

Initial report from 03/03/2016 17:09:03

EMSL Analytical, Inc
464 McCormick Street, San Leandro, CA 94577
Phone/Fax: (510) 895-3675 / (510) 895-3680
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EMSL Order:	091600038
CustomerID:	ECSI85
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ProjectID:	

Attn: **Ryan Govan**
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Received:	01/02/16 1:15 PM
Analysis Date:	3/2/2016
Collected:	12/31/2015

Project: **SACRAMENTO CITY COLLEGE - MOHR HALL, 3835 FREEPORT BOULEVARD, SACRAMENTO, CA 95822**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy. Quantitation using 400 Point Count Procedure

			Non-Asbestos		Asbestos	
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**	
A-36-Mastic *091600038-0036A*	ROOM 1 - 12" TEXTURED WALL TILE, BROWN MASTIC	Brown Non-Fibrous Homogeneous		99.50% Non-fibrous (other)	**0.50%**	**Tremolite**
			Point Count performed on NOB material without gravimetric reduction at client request. Asbestos results may be under-reported.			
A-57 *091600038-0057*	ROOM 7 - WINDOW GLAZING COMPOUND IN DOOR WINDOW	Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**<0.25%**	**Chrysotile**
A-58 *091600038-0058*	ROOM 10 - WINDOW GLAZING COMPOUND IN DOOR WINDOW	Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**<0.25%**	**Chrysotile**
A-59 *091600038-0059*	ROOM 18 - WINDOW GLAZING COMPOUND IN INTERIOR WINDOW	Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**<0.25%**	**Chrysotile**
A-78 *091600038-0078*	ROOM 35 - WINDOW GLAZING COMPOUND	Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**<0.25%**	**Chrysotile**
A-79 *091600038-0079*	ROOM 35 - WINDOW GLAZING COMPOUND	Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**<0.25%**	**Chrysotile**

Analyst(s)

Jared Martin (12)

Chris Dojlidko, Laboratory Manager
or other approved signatory

Initial report from 03/02/2016 15:47:52

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Project: **SACRAMENTO CITY COLLEGE - MOHR HALL, 3835 FREEPORT BOULEVARD, SACRAMENTO, CA 95822**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy. Quantitation using 400 Point Count Procedure

			Non-Asbestos		Asbestos	
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**	
A-80 *091600038-0080*	ROOM 35 - WINDOW GLAZING COMPOUND	Gray Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**<0.25%**	**Chrysotile**

Analyst(s)

Jared Martin (12)

Chris Dojlidko, Laboratory Manager
or other approved signatory

Disclaimer:Some samples may contain asbestos fibers present in dimensions below PLM resolution limits. The limit of detection as stated in the method is 0.25%. EMSL Analytical Inc suggests that samples reported as <0.25% or none detected undergo additional analysis via TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval of EMSL Analytical Inc. This test report must not be used by the client to claim product endorsement by NVLAP or any agency of the United States Government. EMSL Analytical Inc., bears no responsibility for sample collection activities, analytical method limitations, or the accuracy of results when requested to separate layered samples. EMSL Analytical Inc., liability is limited to the cost of sample analysis.The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample.

Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, WA C884

Initial report from 03/02/2016 15:47:52

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EMSL Order:	091600954
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Received:	01/18/16 11:30 AM
Analysis Date:	1/25/2016
Collected:	12/31/2015

Project: **Re-Analysis of Order #091600038 SACRAMENTO CITY COLLEGE - MOHR HALL, 3835 FREEPORT BOULEVARD, SACRAMENTO, CA**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy. Quantitation using 400 Point Count Procedure

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
A-17 *091600954-0001*	Room 7 - Plaster Skim Coat	White Non-Fibrous Homogeneous		98.25% Non-fibrous (other)	**1.75% Chrysotile**
A-18 *091600954-0002*	Room 3 - Plaster Skim Coat				**Stop Positive (Not Analyzed)**
A-19 *091600954-0003*	Men's Room - Plaster Skim Coat				**Stop Positive (Not Analyzed)**
A-20 *091600954-0004*	Room 17B - Plaster Skim Coat				**Stop Positive (Not Analyzed)**
A-21 *091600954-0005*	Room 27 - Plaster Skim Coat				**Stop Positive (Not Analyzed)**
A-22 *091600954-0006*	Corridor - Plaster Skim Coat				**Stop Positive (Not Analyzed)**
A-23 *091600954-0007*	Room 36 - Plaster Skim Coat				**Stop Positive (Not Analyzed)**
A-24 *091600954-0008*	Room 35 - Plaster Skim Coat				**Stop Positive (Not Analyzed)**

Analyst(s)

Matthew Batongbacal (1)

Chris Dojlidko, Laboratory Manager
or other approved signatory

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Project: **Re-Analysis of Order #091600038 SACRAMENTO CITY COLLEGE - MOHR HALL, 3835 FREEPORT BOULEVARD, SACRAMENTO, CA**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy. Quantitation using 400 Point Count Procedure

			Non-Asbestos			Asbestos	
Sample	**Description**	**Appearance**	**%**	**Fibrous**	**%**	**Non-Fibrous**	**% Type**

Analyst(s)

Matthew Batongbacal (1)

Chris Dojlidko, Laboratory Manager
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Analysis Date:	1/25/2016
Collected:	12/31/2015

Project: **SACRAMENTO CITY COLLEGE - MOHR HALL, 3835 FREEPORT BOULEVARD, SACRAMENTO, CA 95822**

Test Report: Asbestos Analysis of Bulk Material via EPA 600/R-93/116. Quantitation using the 1,000 Point Count Procedure

			Non-Asbestos			Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**		**% Type**
A-68-Paint *091600038-0068*	UNDER FOAM - BUILT UP ROOFING	Silver Non-Fibrous Homogeneous		99.40%	Non-fibrous (other)	**0.60% Chrysotile**

Analyst(s)

Cecilia Yu (1)

Chris Dojlidko, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, WA C884

Initial report from 01/25/2016 11:40:01

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Received Date: 1/ 2/2016 1:15 PM
Analysis Date: 1/14/2016
Collected Date: 12/31/2015

Project: SACRAMENTO CITY COLLEGE - MOHR HALL, 3835 FREEPORT BOULEVARD, SACRAMENTO, CA 95822

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
A-01-Floor Tile *091600038-0001*	ROOM 5A - TAN 9" FLOOR TILE, BLACK MASTIC	Tan Non-Fibrous Homogeneous		25% Ca Carbonate 50% Matrix 23% Non-fibrous (Other)	2% Chrysotile
A-01-Mastic *091600038-0001A*	ROOM 5A - TAN 9" FLOOR TILE, BLACK MASTIC	Black Non-Fibrous Homogeneous		80% Matrix 10% Non-fibrous (Other)	10% Chrysotile
A-02-Floor Tile *091600038-0002*	CORRIDOR AT JAN CLOSET - WHITE 12" FLOOR TILE, BLACK MASTIC	White Non-Fibrous Homogeneous		60% Ca Carbonate 25% Matrix 15% Non-fibrous (Other)	None Detected
A-02-Mastic *091600038-0002A*	CORRIDOR AT JAN CLOSET - WHITE 12" FLOOR TILE, BLACK MASTIC	Black Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
A-03-Floor Tile *091600038-0003*	ROOM 17C - WHITE 12" FLOOR TILE, BLACK MASTIC	White Non-Fibrous Homogeneous		60% Ca Carbonate 25% Matrix 15% Non-fibrous (Other)	None Detected
A-03-Mastic *091600038-0003A*	ROOM 17C - WHITE 12" FLOOR TILE, BLACK MASTIC	Black Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
A-04-Floor Tile *091600038-0004*	ROOM 28 - WHITE 12" FLOOR TILE, BLACK MASTIC	Tan/White Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
A-04-Mastic *091600038-0004A*	ROOM 28 - WHITE 12" FLOOR TILE, BLACK MASTIC	Black Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
A-05-Vinyl Base *091600038-0005*	ROOM - BROWN MASTIC ON TAN VINYL BASE	Tan Non-Fibrous Homogeneous		90% Matrix 10% Non-fibrous (Other)	None Detected
A-05-Mastic *091600038-0005A*	ROOM - BROWN MASTIC ON TAN VINYL BASE	Brown Non-Fibrous Homogeneous	2% Fibrous (Other)	80% Matrix 18% Non-fibrous (Other)	<1% Tremolite
A-06-Vinyl Base *091600038-0006*	ROOM 25B - BROWN MASTIC ON TAN VINYL BASE	Tan Non-Fibrous Homogeneous		90% Matrix 10% Non-fibrous (Other)	None Detected
A-06-Mastic *091600038-0006A*	ROOM 25B - BROWN MASTIC ON TAN VINYL BASE	Brown Non-Fibrous Homogeneous	2% Fibrous (Other)	80% Matrix 18% Non-fibrous (Other)	<1% Tremolite
A-07-Vinyl Base *091600038-0007*	ROOM 30 - BROWN MASTIC ON TAN VINYL BASE	Tan Non-Fibrous Homogeneous		30% Ca Carbonate 60% Matrix 10% Non-fibrous (Other)	None Detected
A-07-Mastic *091600038-0007A*	ROOM 30 - BROWN MASTIC ON TAN VINYL BASE	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	<1% Tremolite
A-08-Vinyl Base *091600038-0008*	CORRIDOR AT JAN CLOSET - BROWN MASTIC ON BLACK VINYL BASE	Black Non-Fibrous Homogeneous		90% Matrix 10% Non-fibrous (Other)	None Detected

Initial Report From: 01/15/2016 20:00:54

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EMSL Order: 091600038
Customer ID: ECSI85
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Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
A-08-Mastic 1 *091600038-0008A*	CORRIDOR AT JAN CLOSET - BROWN MASTIC ON BLACK VINYL BASE	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	<1% Tremolite
A-08-Mastic 2 *091600038-0008B*	CORRIDOR AT JAN CLOSET - BROWN MASTIC ON BLACK VINYL BASE	White Non-Fibrous Homogeneous		25% Ca Carbonate 65% Matrix 10% Non-fibrous (Other)	None Detected
A-09-Vinyl Base *091600038-0009*	CORRIDOR AT ROOM 29 - BROWN MASTIC ON BLACK VINYL BASE	Black Non-Fibrous Homogeneous		90% Matrix 10% Non-fibrous (Other)	None Detected
A-09-Mastic 1 *091600038-0009A* *Result includes a small amount of inseparable attached material*	CORRIDOR AT ROOM 29 - BROWN MASTIC ON BLACK VINYL BASE	Brown/Tan Non-Fibrous Homogeneous	2% Synthetic 2% Fibrous (Other)	5% Ca Carbonate 80% Matrix 11% Non-fibrous (Other)	<1% Tremolite
A-09-Mastic 2 *091600038-0009B*	CORRIDOR AT ROOM 29 - BROWN MASTIC ON BLACK VINYL BASE	White Non-Fibrous Homogeneous		25% Ca Carbonate 65% Matrix 10% Non-fibrous (Other)	None Detected
A-10-Vinyl Base *091600038-0010*	BROWN MASTIC ON BLACK VINYL BASE	Black Non-Fibrous Homogeneous		20% Ca Carbonate 70% Matrix 10% Non-fibrous (Other)	None Detected
A-10-Mastic 1 *091600038-0010A*	BROWN MASTIC ON BLACK VINYL BASE	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	<1% Tremolite
A-10-Mastic 2 *091600038-0010B*	BROWN MASTIC ON BLACK VINYL BASE	White Non-Fibrous Homogeneous		30% Ca Carbonate 60% Matrix 10% Non-fibrous (Other)	None Detected
A-11-Floor Tile *091600038-0011*	ROOM - BEIGE 12" FLOOR TILE, BLACK MASTIC	White Non-Fibrous Homogeneous		60% Ca Carbonate 25% Matrix 15% Non-fibrous (Other)	None Detected
A-11-Mastic *091600038-0011A*	ROOM - BEIGE 12" FLOOR TILE, BLACK MASTIC	Black Non-Fibrous Homogeneous		80% Matrix 16% Non-fibrous (Other)	4% Chrysotile
A-12-Floor Tile *091600038-0012*	ROOM - BEIGE 12" FLOOR TILE, BLACK MASTIC	White Non-Fibrous Homogeneous		60% Ca Carbonate 25% Matrix 15% Non-fibrous (Other)	None Detected
A-12-Mastic *091600038-0012A*	ROOM - BEIGE 12" FLOOR TILE, BLACK MASTIC	Black Non-Fibrous Homogeneous	5% Cellulose	80% Matrix 13% Non-fibrous (Other)	2% Chrysotile
A-13-Vinyl Base *091600038-0013*	ROOM 314 - BROWN VINYL BASE WITH TAN MASTIC	Brown Non-Fibrous Homogeneous		90% Matrix 10% Non-fibrous (Other)	None Detected
A-13-Mastic *091600038-0013A*	ROOM 314 - BROWN VINYL BASE WITH TAN MASTIC	Tan Non-Fibrous Homogeneous		10% Gypsum 80% Matrix 10% Non-fibrous (Other)	None Detected
A-14-Vinyl Base *091600038-0014*	ROOM 314 - BROWN VINYL BASE WITH TAN MASTIC	Brown Non-Fibrous Homogeneous		90% Matrix 10% Non-fibrous (Other)	None Detected
A-14-Mastic *091600038-0014A*	ROOM 314 - BROWN VINYL BASE WITH TAN MASTIC	Tan Non-Fibrous Homogeneous		10% Gypsum 80% Matrix 10% Non-fibrous (Other)	None Detected
A-15-Floor Tile *091600038-0015*	ROOM 314 - TAN FLOOR TILE, BLACK MASTIC UNDER BEIGE 12" TILE	Tan Non-Fibrous Homogeneous		60% Ca Carbonate 25% Matrix 12% Non-fibrous (Other)	3% Chrysotile

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EMSL Order: 091600038
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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
A-15-Mastic *091600038-0015A*	ROOM 314 - TAN FLOOR TILE, BLACK MASTIC UNDER BEIGE 12" TILE	Black Non-Fibrous Homogeneous		80% Matrix 16% Non-fibrous (Other)	4% Chrysotile
A-15-Leveling Compound *091600038-0015B*	ROOM 314 - TAN FLOOR TILE, BLACK MASTIC UNDER BEIGE 12" TILE	White Non-Fibrous Homogeneous		80% Ca Carbonate 5% Gypsum 15% Non-fibrous (Other)	None Detected
A-16-Floor Tile *091600038-0016*	ROOM 27 - BEIGE 12" FLOOR TILE, ORANGE MASTIC	Beige Non-Fibrous Homogeneous		65% Ca Carbonate 25% Matrix 10% Non-fibrous (Other)	None Detected
A-16-Mastic *091600038-0016A*	ROOM 27 - BEIGE 12" FLOOR TILE, ORANGE MASTIC	Orange Non-Fibrous Homogeneous	2% Synthetic	10% Ca Carbonate 65% Matrix 23% Non-fibrous (Other)	None Detected
A-17-Plaster *091600038-0017*	ROOM 7 - WALL PLASTER, SKIM COAT	Gray Non-Fibrous Homogeneous		45% Quartz 15% Ca Carbonate 15% Gypsum 25% Non-fibrous (Other)	None Detected
A-17-Skim Coat *091600038-0017A*	ROOM 7 - WALL PLASTER, SKIM COAT	White Non-Fibrous Homogeneous		5% Quartz 60% Ca Carbonate 33% Non-fibrous (Other)	2% Chrysotile
A-18-Plaster *091600038-0018*	ROOM 3 - WALL PLASTER, SKIM COAT	Gray Non-Fibrous Homogeneous		45% Quartz 15% Ca Carbonate 15% Gypsum 25% Non-fibrous (Other)	None Detected
A-18-Skim Coat *091600038-0018A*	ROOM 3 - WALL PLASTER, SKIM COAT	White Non-Fibrous Homogeneous		5% Quartz 60% Ca Carbonate 33% Non-fibrous (Other)	2% Chrysotile
A-19-Plaster *091600038-0019*	MEN'S RESTROOM - WALL PLASTER, SKIM COAT	Gray Non-Fibrous Homogeneous		45% Quartz 15% Ca Carbonate 15% Gypsum 25% Non-fibrous (Other)	None Detected
A-19-Skim Coat *091600038-0019A*	MEN'S RESTROOM - WALL PLASTER, SKIM COAT	White Non-Fibrous Homogeneous		5% Quartz 60% Ca Carbonate 33% Non-fibrous (Other)	2% Chrysotile
A-20-Plaster *091600038-0020*	ROOM 17B - WALL PLASTER, SKIM COAT	Gray Non-Fibrous Homogeneous		45% Quartz 15% Ca Carbonate 15% Gypsum 25% Non-fibrous (Other)	None Detected
A-20-Skim Coat *091600038-0020A*	ROOM 17B - WALL PLASTER, SKIM COAT	White Non-Fibrous Homogeneous		5% Quartz 60% Ca Carbonate 33% Non-fibrous (Other)	2% Chrysotile
A-21-Plaster *091600038-0021*	ROOM - WAKK PLASTER, SKIM COAT	Gray Non-Fibrous Homogeneous		45% Quartz 15% Ca Carbonate 15% Gypsum 25% Non-fibrous (Other)	None Detected
A-21-Skim Coat *091600038-0021A*	ROOM - WAKK PLASTER, SKIM COAT	White Non-Fibrous Homogeneous		5% Quartz 60% Ca Carbonate 33% Non-fibrous (Other)	2% Chrysotile
A-22-Plaster *091600038-0022*	CORRIDOR AT ROOM 20 - WALL PLASTER, SKIM COAT	Gray Non-Fibrous Homogeneous		45% Quartz 15% Ca Carbonate 15% Gypsum 25% Non-fibrous (Other)	None Detected
A-22-Skim Coat *091600038-0022A*	CORRIDOR AT ROOM 20 - WALL PLASTER, SKIM COAT	White Non-Fibrous Homogeneous		5% Quartz 60% Ca Carbonate 33% Non-fibrous (Other)	2% Chrysotile

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
A-23-Plaster *091600038-0023*	ROOM 36 - WALL PLASTER, SKIM COAT	Gray Non-Fibrous Homogeneous		40% Quartz 15% Ca Carbonate 25% Gypsum 20% Non-fibrous (Other)	None Detected
A-23-Skim Coat *091600038-0023A*	ROOM 36 - WALL PLASTER, SKIM COAT	White Non-Fibrous Homogeneous		60% Ca Carbonate 38% Non-fibrous (Other)	2% Chrysotile
A-24-Plaster *091600038-0024*	ROOM 35 - WALL PLASTER, SKIM COAT	Gray Non-Fibrous Homogeneous		40% Quartz 15% Ca Carbonate 25% Gypsum 20% Non-fibrous (Other)	None Detected
A-24-Skim Coat *091600038-0024A*	ROOM 35 - WALL PLASTER, SKIM COAT	White Non-Fibrous Homogeneous		60% Ca Carbonate 38% Non-fibrous (Other)	2% Chrysotile
A-25-Plaster *091600038-0025*	ROOM 31 - WALL PLASTER. SKIM COAT	Gray Non-Fibrous Homogeneous		40% Quartz 15% Ca Carbonate 25% Gypsum 20% Non-fibrous (Other)	None Detected
A-25-Skim Coat *091600038-0025A*	ROOM 31 - WALL PLASTER. SKIM COAT	White Non-Fibrous Homogeneous		60% Ca Carbonate 40% Non-fibrous (Other)	None Detected
A-26-Drywall *091600038-0026*	ROOM 31 - DRYWALL AND JOINT COMPOUND	Brown/White Fibrous Homogeneous	8% Cellulose	80% Gypsum 12% Non-fibrous (Other)	None Detected
A-26-Joint Compound *091600038-0026A*	ROOM 31 - DRYWALL AND JOINT COMPOUND	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
A-26-Skim Coat *091600038-0026B*	ROOM 31 - DRYWALL AND JOINT COMPOUND	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
A-27-Drywall *091600038-0027*	ROOM 27 - DRYWALL AND JOINT COMPOUND	Brown/White Fibrous Homogeneous	8% Cellulose	80% Gypsum 12% Non-fibrous (Other)	None Detected
A-27-Joint Compound *091600038-0027A*	ROOM 27 - DRYWALL AND JOINT COMPOUND	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
A-28-Drywall *091600038-0028*	CORRIDOR AT ROOM 9 - DRYWALL AND JOINT COMPOUND	Brown/White Fibrous Homogeneous	8% Cellulose	80% Gypsum 12% Non-fibrous (Other)	None Detected
A-28-Joint Compound *091600038-0028A*	CORRIDOR AT ROOM 9 - DRYWALL AND JOINT COMPOUND	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
A-29-Ceiling Tile *091600038-0029*	ROOM 31 - 12" PERFORATED CEILING TILE, BROWN MASTIC	Brown/White Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
A-29-Mastic *091600038-0029A*	ROOM 31 - 12" PERFORATED CEILING TILE, BROWN MASTIC	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
A-30-Ceiling Tile *091600038-0030*	ROOM 30 - 12" PERFORATED CEILING TILE, BROWN MASTIC	Brown/White Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
A-30-Mastic 1 *091600038-0030A*	ROOM 30 - 12" PERFORATED CEILING TILE, BROWN MASTIC	Brown Non-Fibrous Homogeneous		40% Ca Carbonate 50% Matrix 10% Non-fibrous (Other)	None Detected

Initial Report From: 01/15/2016 20:00:54

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			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
A-30-Mastic 2 *091600038-0030B*	ROOM 30 - 12" PERFORATED CEILING TILE, BROWN MASTIC	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
A-31-Ceiling Tile *091600038-0031*	ROOM 21 - 12" PERFORATED CEILING TILE, BROWN MASTIC	Brown/White Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
A-31-Mastic *091600038-0031A*	ROOM 21 - 12" PERFORATED CEILING TILE, BROWN MASTIC	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
A-32 *091600038-0032*	ROOM 21 - 2' X 4' FISSURED CEILING TILE	Gray/White Non-Fibrous Homogeneous	60% Cellulose 15% Min. Wool	10% Perlite 15% Non-fibrous (Other)	None Detected
A-33-Drywall *091600038-0033*	ROOM 21 - DRYWALL AND JOINT COMPOUND ABOVE SOFFIT	Brown/White Fibrous Homogeneous	8% Cellulose	80% Gypsum 12% Non-fibrous (Other)	None Detected
A-33-Joint Compound *091600038-0033A*	ROOM 21 - DRYWALL AND JOINT COMPOUND ABOVE SOFFIT	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
A-34-Wall Tile *091600038-0034*	ROOM 21 - 12" TEXTURED WALL TILE, BROWN MASTIC	Gray/White Fibrous Homogeneous	80% Min. Wool	20% Non-fibrous (Other)	None Detected
A-34-Mastic *091600038-0034A*	ROOM 21 - 12" TEXTURED WALL TILE, BROWN MASTIC	Brown Non-Fibrous Homogeneous	2% Fibrous (Other)	80% Matrix 18% Non-fibrous (Other)	<1% Tremolite
A-35-Ceiling Tile *091600038-0035*	CORRIDOR AT ROOM 34 - 12" TEXTURED CEILING TILE, BROWN MASTIC	Gray/White Fibrous Homogeneous	80% Min. Wool	20% Non-fibrous (Other)	None Detected
A-35-Mastic *091600038-0035A*	CORRIDOR AT ROOM 34 - 12" TEXTURED CEILING TILE, BROWN MASTIC	Brown Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	<1% Tremolite
A-36-Ceiling Tile *091600038-0036*	ROOM 1 - 12" TEXTURED WALL TILE, BROWN MASTIC	Gray/White Fibrous Homogeneous	80% Min. Wool	20% Non-fibrous (Other)	None Detected
A-36-Mastic *091600038-0036A*	ROOM 1 - 12" TEXTURED WALL TILE, BROWN MASTIC	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	<1% Tremolite
A-37-Ceiling Tile *091600038-0037*	ROOM 1 - 12" FISSURED WALL TILE, BROWN MASTIC	Gray/White Non-Fibrous Homogeneous	80% Min. Wool	20% Non-fibrous (Other)	None Detected
A-37-Mastic *091600038-0037A*	ROOM 1 - 12" FISSURED WALL TILE, BROWN MASTIC	Brown Non-Fibrous Homogeneous	5% Wollastonite	80% Matrix 15% Non-fibrous (Other)	None Detected
A-38 *091600038-0038*	ROOM 5A - 2' X 4' FISSURED CEILING TLE	Gray/White Fibrous Homogeneous	70% Min. Wool	25% Non-fibrous (Other)	5% Amosite

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Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
A-39 *091600038-0039*	ROOM 5A - PIPE INSULATION ON BLACK PIPE ABOVE CEILING	White Non-Fibrous Homogeneous		70% Ca Carbonate 10% Non-fibrous (Other)	15% Amosite 5% Chrysotile
A-40-Insulation *091600038-0040*	ROOM 7 - PIPE INSULATION ON 6" PIPE RISER	White Non-Fibrous Homogeneous	15% Synthetic	70% Ca Carbonate 15% Non-fibrous (Other)	None Detected
A-40-Jacket *091600038-0040A*	ROOM 7 - PIPE INSULATION ON 6" PIPE RISER	Tan Fibrous Homogeneous	40% Cellulose	50% Matrix 10% Non-fibrous (Other)	None Detected
A-41 *091600038-0041*	MEN'S ROOM - GROUT AND MORTAR UNDER 2" TAN CERAMIC FLOOR TILE	Brown Non-Fibrous Homogeneous		40% Quartz 15% Ca Carbonate 20% Gypsum 25% Non-fibrous (Other)	None Detected
A-42-Ceramic Tile *091600038-0042*	MEN'S ROOM - TAN 2" CERAMIC WALL TILE, WHITE MASTIC	Gray Non-Fibrous Homogeneous		80% Quartz 20% Non-fibrous (Other)	None Detected
A-42-Grout *091600038-0042A*	MEN'S ROOM - TAN 2" CERAMIC WALL TILE, WHITE MASTIC	Gray Non-Fibrous Homogeneous		50% Quartz 50% Non-fibrous (Other)	None Detected
A-42-Mortar *091600038-0042B*	MEN'S ROOM - TAN 2" CERAMIC WALL TILE, WHITE MASTIC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
A-42-Mastic *091600038-0042C*	MEN'S ROOM - TAN 2" CERAMIC WALL TILE, WHITE MASTIC	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
A-43-Ceramic Tile *091600038-0043*	WOMEN'S - GROUT AND MORTAR UNDER 2" TAN CERAMIC WALL TILE	Gray Non-Fibrous Homogeneous		80% Quartz 20% Non-fibrous (Other)	None Detected
A-43-Grout *091600038-0043A*	WOMEN'S - GROUT AND MORTAR UNDER 2" TAN CERAMIC WALL TILE	Gray Non-Fibrous Homogeneous		50% Quartz 50% Non-fibrous (Other)	None Detected
A-43-Mortar *091600038-0043B*	WOMEN'S - GROUT AND MORTAR UNDER 2" TAN CERAMIC WALL TILE	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
A-43-Mastic *091600038-0043C*	WOMEN'S - GROUT AND MORTAR UNDER 2" TAN CERAMIC WALL TILE	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
A-44 Mortar *091600038-0044*	WOMEN'S - GROUT AND MORTAR UNDER 2" TAN CERAMIC FLOOR TILE	Gray Non-Fibrous Homogeneous		50% Quartz 50% Non-fibrous (Other)	None Detected
A-45-Brick *091600038-0045*	ROOM 9 - BRICK AND MORTAR	Red Non-Fibrous Homogeneous		50% Quartz 50% Non-fibrous (Other)	None Detected

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			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
A-45-Mortar *091600038-0045A*	ROOM 9 - BRICK AND MORTAR	Gray Non-Fibrous Homogeneous		50% Quartz 50% Non-fibrous (Other)	None Detected
A-46-Brick *091600038-0046*	CORRIDOR AT ROOM 4 - BRICK AND MORTAR	Red Non-Fibrous Homogeneous		50% Quartz 50% Non-fibrous (Other)	None Detected
A-46-Mortar *091600038-0046A*	CORRIDOR AT ROOM 4 - BRICK AND MORTAR	Gray Non-Fibrous Homogeneous		50% Quartz 50% Non-fibrous (Other)	None Detected
A-47-Brick *091600038-0047*	ROOM 21 - BRICK AND MORTAR	Red Non-Fibrous Homogeneous		50% Quartz 50% Non-fibrous (Other)	None Detected
A-47-Mortar *091600038-0047A*	ROOM 21 - BRICK AND MORTAR	Gray Non-Fibrous Homogeneous		50% Quartz 50% Non-fibrous (Other)	None Detected
A-48-Brick *091600038-0048*	CORRIDOR AT ROOM 27 - BRICK AND MORTAR	Red Non-Fibrous Homogeneous		50% Quartz 50% Non-fibrous (Other)	None Detected
A-48-Mortar *091600038-0048A*	CORRIDOR AT ROOM 27 - BRICK AND MORTAR	Gray Non-Fibrous Homogeneous		50% Quartz 50% Non-fibrous (Other)	None Detected
A-49-Brick *091600038-0049*	CORRIDOR AT ROOM 35 - BRICK AND MORTAR	Red Non-Fibrous Homogeneous		50% Quartz 50% Non-fibrous (Other)	None Detected
A-49-Mortar *091600038-0049A*	CORRIDOR AT ROOM 35 - BRICK AND MORTAR	Gray Non-Fibrous Homogeneous		50% Quartz 50% Non-fibrous (Other)	None Detected
A-50 *091600038-0050*	ROOM 10 - PIPE INSULATION DEBRIS ABOVE CORRIDOR CEILING	White Fibrous Homogeneous		60% Non-fibrous (Other)	20% Amosite 20% Chrysotile
A-51 *091600038-0051*	ROOM 10 - JOINT SEAM TAPE ON DUCT ABOVE CORRIDOR CEILING	Tan Fibrous Homogeneous	60% Cellulose	30% Matrix 10% Non-fibrous (Other)	None Detected
A-52 *091600038-0052*	ROOM 35 - 2' X 4' FISSURED CEILING TILE	Gray/White Fibrous Homogeneous	60% Cellulose 15% Min. Wool	15% Perlite 10% Non-fibrous (Other)	None Detected
A-53 *091600038-0053*	ROOM 35 - 2' X 4' FISSURED CEILING TILE	Gray/White Fibrous Homogeneous	60% Cellulose	20% Perlite 20% Non-fibrous (Other)	None Detected
A-54 *091600038-0054*	ROOM 33 - 2' X 4' FISSURED CEILING TILE	Gray/White Fibrous Homogeneous	60% Cellulose 15% Synthetic 10% Min. Wool	5% Perlite 10% Non-fibrous (Other)	None Detected
A-55 *091600038-0055*	ROOM 33 - JOINT SEAM TAPE ON DUCT ABOVE CEILING	Tan/White Fibrous Homogeneous	60% Cellulose	30% Matrix 10% Non-fibrous (Other)	None Detected
A-56 *091600038-0056*	CORRIDOR AT ROOM 36 - JOINT SEAM TAPE ON DUCT ABOVE CEILING	Tan Fibrous Homogeneous		60% Ca Carbonate 30% Matrix 10% Non-fibrous (Other)	None Detected
A-57 *091600038-0057*	ROOM 7 - WINDOW GLAZING COMPOUND IN DOOR WINDOW	Gray Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	<1% Chrysotile

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			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
A-58 *091600038-0058*	ROOM 10 - WINDOW GLAZING COMPOUND IN DOOR WINDOW	Gray Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	<1% Chrysotile
A-59 *091600038-0059*	ROOM 18 - WINDOW GLAZING COMPOUND IN INTERIOR WINDOW	Gray Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	<1% Chrysotile
A-60 *091600038-0060*	ROOM 35 - WINDOW GLAZING COMPOUND IN DOOR WINDOW	Gray Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	<1% Chrysotile
A-61 *091600038-0061*	BASEMENT - INSULATION ON H.W. ELBOW	White Fibrous Homogeneous	5% Cellulose 5% Min. Wool	50% Ca Carbonate 20% Gypsum 20% Non-fibrous (Other)	None Detected
A-62 *091600038-0062*	BASEMENT - INSULATION ON H.W. ELBOW	White Fibrous Homogeneous	5% Cellulose 5% Min. Wool	50% Ca Carbonate 20% Gypsum 20% Non-fibrous (Other)	None Detected
A-63 *091600038-0063*	BASEMENT - INSULATION ON H.W. ELBOW	White Non-Fibrous Homogeneous	5% Cellulose 5% Glass	50% Ca Carbonate 20% Gypsum 20% Non-fibrous (Other)	None Detected
A-64 *091600038-0064*	BASEMENT - INSULATION ON C.W. ELBOW	White Non-Fibrous Homogeneous	5% Cellulose 5% Min. Wool	50% Ca Carbonate 20% Gypsum 20% Non-fibrous (Other)	None Detected
A-65 *091600038-0065*	BASEMENT - WHITE PIPE INSULATION DEBRIS ON FLOOR	White Non-Fibrous Homogeneous	15% Synthetic	70% Ca Carbonate 15% Non-fibrous (Other)	None Detected
A-66-Paint *091600038-0066*	UNDER FOAM - BUILT UP ROOFING	Silver Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
A-66-Felt 1 *091600038-0066A*	UNDER FOAM - BUILT UP ROOFING	Black Non-Fibrous Homogeneous	20% Synthetic	50% Matrix 30% Non-fibrous (Other)	None Detected
A-66-Mastic *091600038-0066B*	UNDER FOAM - BUILT UP ROOFING	Black Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
A-66-Felt 2 *091600038-0066C*	UNDER FOAM - BUILT UP ROOFING	Black Non-Fibrous Homogeneous	10% Glass	60% Matrix 30% Non-fibrous (Other)	None Detected
A-66-Membrane *091600038-0066D*	UNDER FOAM - BUILT UP ROOFING	White Non-Fibrous Homogeneous		5% Quartz 70% Matrix 25% Non-fibrous (Other)	None Detected
A-66-Foam Insulation *091600038-0066E*	UNDER FOAM - BUILT UP ROOFING	Tan/White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
A-66-Insulation *091600038-0066F*	UNDER FOAM - BUILT UP ROOFING	Brown Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
A-67-Paint *091600038-0067*	UNDER FOAM - BUILT UP ROOFING	Silver Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
A-67-Felt 1 *091600038-0067A*	UNDER FOAM - BUILT UP ROOFING	Black Fibrous Homogeneous	20% Synthetic	60% Matrix 20% Non-fibrous (Other)	None Detected
A-67-Mastic *091600038-0067B*	UNDER FOAM - BUILT UP ROOFING	Black Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected

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			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
A-67-Felt 2 *091600038-0067C*	UNDER FOAM - BUILT UP ROOFING	Black Fibrous Homogeneous	25% Glass	50% Matrix 25% Non-fibrous (Other)	None Detected
A-67-Membrane *091600038-0067D*	UNDER FOAM - BUILT UP ROOFING	White Non-Fibrous Homogeneous		5% Quartz 80% Matrix 15% Non-fibrous (Other)	None Detected
A-67-Foam Insulation *091600038-0067E*	UNDER FOAM - BUILT UP ROOFING	Tan Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
A-67-Felt 3 *091600038-0067F*	UNDER FOAM - BUILT UP ROOFING	Black Fibrous Homogeneous	40% Cellulose	50% Matrix 10% Non-fibrous (Other)	None Detected
A-67-Insulation *091600038-0067G*	UNDER FOAM - BUILT UP ROOFING	Brown Non-Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
A-68-Paint *091600038-0068*	UNDER FOAM - BUILT UP ROOFING	Silver Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	<1% Chrysotile
A-68-Felt 1 *091600038-0068A*	UNDER FOAM - BUILT UP ROOFING	Black Fibrous Homogeneous	20% Synthetic	60% Matrix 20% Non-fibrous (Other)	None Detected
A-68-Mastic *091600038-0068B*	UNDER FOAM - BUILT UP ROOFING	Black Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
A-68-Felt 2 *091600038-0068C*	UNDER FOAM - BUILT UP ROOFING	Black Non-Fibrous Homogeneous	15% Glass	60% Matrix 25% Non-fibrous (Other)	None Detected
A-68-Membrane *091600038-0068D*	UNDER FOAM - BUILT UP ROOFING	White Non-Fibrous Homogeneous		5% Quartz 80% Matrix 15% Non-fibrous (Other)	None Detected
A-68-Foam Insulation *091600038-0068E*	UNDER FOAM - BUILT UP ROOFING	Tan Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
A-68-Insulation *091600038-0068F*	UNDER FOAM - BUILT UP ROOFING	Brown Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
A-69 *091600038-0069*	ROOF - INSULATION ON H.W. PIPE	White Fibrous Homogeneous	15% Synthetic	70% Ca Carbonate 15% Non-fibrous (Other)	None Detected
A-70 *091600038-0070*	ROOF - INSULATION ON H.W. PIPE	White Fibrous Homogeneous	15% Synthetic	70% Ca Carbonate 15% Non-fibrous (Other)	None Detected
A-71 *091600038-0071*	ROOF - INSULATION ON H.W. PIPE	White Non-Fibrous Homogeneous	15% Synthetic	70% Ca Carbonate 15% Non-fibrous (Other)	None Detected
A-72 *091600038-0072*	ROOF - INSULATION ON C.W. PIPE	White Fibrous Homogeneous	15% Synthetic	70% Ca Carbonate 15% Non-fibrous (Other)	None Detected
A-73 *091600038-0073*	ROOF - INSULATION ON C.W. PIPE	White Fibrous Homogeneous	15% Synthetic	70% Ca Carbonate 2% Mica 13% Non-fibrous (Other)	None Detected
A-74-Insulation 1 *091600038-0074*	ROOF - INSULATION ON C.W. PIPE	White Fibrous Homogeneous	15% Synthetic	70% Ca Carbonate 2% Mica 13% Non-fibrous (Other)	None Detected
A-74-Wrap *091600038-0074A*	ROOF - INSULATION ON C.W. PIPE	Tan/White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected

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A-74-Insulation 2 *091600038-0074B*	ROOF - INSULATION ON C.W. PIPE	Brown Fibrous Homogeneous	70% Cellulose	30% Non-fibrous (Other)	None Detected
A-75 *091600038-0075*	ROOF - INSULATION ON H.W. PIPE	White Non-Fibrous Homogeneous	15% Synthetic	85% Non-fibrous (Other)	None Detected
A-76 *091600038-0076*	ROOF - INSULATION ON C.W. PIPE	White Non-Fibrous Homogeneous	70% Cellulose	30% Non-fibrous (Other)	None Detected
A-77-Insulation *091600038-0077*	ROOF - INSULATION ON H.W. PIPE	White Non-Fibrous Homogeneous	15% Synthetic	85% Non-fibrous (Other)	None Detected
A-77-Wrap *091600038-0077A*	ROOF - INSULATION ON H.W. PIPE	Gray Fibrous Homogeneous	50% Cellulose	50% Non-fibrous (Other)	None Detected
A-78 *091600038-0078*	ROOM 35 - WINDOW GLAZING COMPOUND	Gray Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	<1% Chrysotile
A-79 *091600038-0079*	ROOM 35 - WINDOW GLAZING COMPOUND	Gray Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	<1% Chrysotile
A-80 *091600038-0080*	ROOM 35 - WINDOW GLAZING COMPOUND	Gray Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	<1% Chrysotile
A-81-Stucco *091600038-0081*	WEST END - EXTERIOR STUCCO ON EXTERIOR ROOM	Brown/Gray Non-Fibrous Homogeneous		40% Quartz 15% Ca Carbonate 25% Gypsum 2% Mica 18% Non-fibrous (Other)	None Detected
A-81-Skim Coat *091600038-0081A*	WEST END - EXTERIOR STUCCO ON EXTERIOR ROOM	White Non-Fibrous Homogeneous		35% Quartz 25% Ca Carbonate 15% Gypsum 25% Non-fibrous (Other)	None Detected
A-82-Stucco *091600038-0082*	WEST END - EXTERIOR STUCCO ON EXTERIOR ROOM	Brown/Gray Non-Fibrous Homogeneous		40% Quartz 15% Ca Carbonate 25% Gypsum 2% Mica 18% Non-fibrous (Other)	None Detected
A-82-Skim Coat *091600038-0082A*	WEST END - EXTERIOR STUCCO ON EXTERIOR ROOM	White Non-Fibrous Homogeneous		35% Quartz 25% Ca Carbonate 15% Gypsum 25% Non-fibrous (Other)	None Detected
A-83-Stucco *091600038-0083*	WEST END - EXTERIOR STUCCO ON EXTERIOR ROOM	Brown/Gray Non-Fibrous Homogeneous		45% Quartz 15% Ca Carbonate 25% Gypsum 2% Mica 13% Non-fibrous (Other)	None Detected
A-83-Skim Coat *091600038-0083A*	WEST END - EXTERIOR STUCCO ON EXTERIOR ROOM	White Non-Fibrous Homogeneous		35% Quartz 25% Ca Carbonate 15% Gypsum 25% Non-fibrous (Other)	None Detected
A-84-Shingle *091600038-0084*	WEST END - COMPOSITION ROOFING ON EXTERIOR ROOM	Gray/Black Fibrous Homogeneous	10% Glass	60% Matrix 30% Non-fibrous (Other)	None Detected
A-84-Mastic *091600038-0084A*	WEST END - COMPOSITION ROOFING ON EXTERIOR ROOM	Black Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected

Initial Report From: 01/15/2016 20:00:54

EMSL Analytical, Inc.
464 McCormick Street San Leandro, CA 94577
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http://www.EMSL.com / sanleandrolab@emsl.com

EMSL Order: 091600038
Customer ID: ECSI85
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**

Analyst(s)

Adam C. Fink (27)
Cecilia Yu (41)
Matthew Batongbacal (96)

Chris Dojlidko, Laboratory Manager
or Other Approved Signatory

Initial Report From: 01/15/2016 20:00:54

EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577
Tel/Fax: (510) 895-3675 / (510) 895-3680
http://www.EMSL.com / sanleandrolab@emsl.com

EMSL Order: 091602762
Customer ID: ECSI85
Customer PO:
Project ID:

Attention: Ryan Govan
Environmental Construction Services,Inc.
PO Box 5277
Bay Point, CA 94565

Project: Sacramento City College; Mohr Hall

Phone: (925) 370-2222
Fax: (925) 370-2282
Received Date: 02/15/2016 4:30 PM
Analysis Date: 02/19/2016
Collected Date: 02/13/2016

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
A-85 *091602762-0001*	Basement mech room - Pipe insulation on 4" return pipe in concrete trench	Gray Fibrous Homogeneous		25% Gypsum 40% Non-fibrous (Other)	35% Amosite
A-86 *091602762-0002*	Basement mech room - Pipe insulation on hot water supply pipe inside wall	Gray Fibrous Homogeneous		25% Gypsum 40% Non-fibrous (Other)	35% Amosite
A-87 *091602762-0003*	Basement mech room - Transite pipe at upper wall	Gray Fibrous Homogeneous		50% Ca Carbonate 22% Non-fibrous (Other)	20% Chrysotile 8% Crocidolite
A-88 *091602762-0004*	Basement mech room - Pip insulation sleave at chilled water supply	Gray Fibrous Homogeneous		25% Gypsum 40% Non-fibrous (Other)	35% Amosite
A-89-Insulation *091602762-0005*	Room 7 - Pipe insulation on hot water pipe riser	White Fibrous Homogeneous	5% Synthetic 2% Glass	80% Gypsum 13% Non-fibrous (Other)	None Detected
A-89-Backing *091602762-0005A*	Room 7 - Pipe insulation on hot water pipe riser	Beige Fibrous Homogeneous	100% Cellulose		None Detected
A-90-Insulation *091602762-0006*	Room 7 - Pipe insulation on chill water return pipe riser	White Fibrous Homogeneous	5% Synthetic 2% Glass	80% Gypsum 13% Non-fibrous (Other)	None Detected
A-90-Backing *091602762-0006A*	Room 7 - Pipe insulation on chill water return pipe riser	Beige Fibrous Homogeneous	100% Cellulose		None Detected
A-91-Insulation *091602762-0007*	Room 7 - Pipe insulation on whill water supply pipe riser	White Fibrous Homogeneous	5% Synthetic 2% Glass	80% Gypsum 13% Non-fibrous (Other)	None Detected
A-91-Backing *091602762-0007A*	Room 7 - Pipe insulation on whill water supply pipe riser	Beige Fibrous Homogeneous	100% Cellulose		None Detected

Initial Report From: 02/19/2016 10:14:27

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http://www.EMSL.com / sanleandrolab@emsl.com

EMSL Order: 091602762
Customer ID: ECSI85
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**

Analyst(s)
Jared Martin (10)

Chris Dojlidko, Laboratory Manager
or Other Approved Signatory

Initial Report From: 02/19/2016 10:14:27

EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577
Tel/Fax: (510) 895-3675 / (510) 895-3680
http://www.EMSL.com / sanleandrolab@emsl.com

EMSL Order: 091603481
Customer ID: ECSI85
Customer PO:
Project ID:

Attention: Ryan Govan
Environmental Construction Services,Inc.
PO Box 5277
Bay Point, CA 94565

Project: SACRAMENTO CITY COLLEGE/ MOHR HALL

Phone: (925) 370-2222
Fax: (925) 370-2282
Received Date: 02/27/2016 3:45 PM
Analysis Date: 03/01/2016
Collected Date: 02/26/2016

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
A-92	BLACK WRAP ON	Black		5% Gypsum	3% Chrysotile
	HOT WATER PIPE	Non-Fibrous		80% Matrix	
091603481-0001	AT RADIATOR	Homogeneous		12% Non-fibrous (Other)	

Analyst(s)
Cecilia Yu (1)

Chris Dojlidko, Laboratory Manager
or Other Approved Signatory

Initial Report From: 03/01/2016 13:17:57

EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577

Tel/Fax: (510) 895-3675 / (510) 895-3680

http://www.EMSL.com / sanleandrolab@emsl.com

EMSL Order:	091613129
Customer ID:	ECSI85
Customer PO:	
Project ID:	

Attention:	Ryan Govan	**Phone:**	(925) 370-2222
	Environmental Construction Services,Inc.	**Fax:**	(925) 370-2282
	PO Box 5277	**Received Date:**	07/12/2016 10:00 AM
	Bay Point, CA 94565	**Analysis Date:**	07/15/2016
		Collected Date:	
Project:	SACRAMENTO CITY COLLEGE - MOHR HALL		

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
A-93	INSULATION INSIDE DOOR TO ROOM 36	White Fibrous Homogeneous		87% Non-fibrous (Other)	3% Amosite 10% Chrysotile
091613129-0001					
A-94	INSULATION INSIDE DOOR TO ROOM 36	White Non-Fibrous Homogeneous		87% Non-fibrous (Other)	3% Amosite 10% Chrysotile
091613129-0002					
A-95	INSULATION INSIDE DOOR TO ROOM 1	White Fibrous Homogeneous		87% Non-fibrous (Other)	3% Amosite 10% Chrysotile
091613129-0003					

Analyst(s)

Matthew Batongbacal (3)

Chris Dojlidko, Laboratory Manager
or Other Approved Signatory

Initial Report From: 07/15/2016 08:03:08

EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577

Tel/Fax: (510) 895-3675 / (510) 895-3680

http://www.EMSL.com / sanleandrolab@emsl.com

EMSL Order: 091810686
Customer ID: ECSI85
Customer PO:
Project ID:

Attention: Ryan Govan
Environmental Construction Services,Inc.
PO Box 5277
Bay Point, CA 94565

Phone: (925) 370-2222
Fax: (925) 370-2282
Received Date: 05/19/2018 1:30 PM
Analysis Date: 05/21/2018
Collected Date: 05/19/2018

Project: SACRAMENTO CITY COLLEGE - MOHR HALL; 3835 FREEPORT BLVD SACRAMENTO, CA 95822

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
A-96 *091810686-0001*	CONCRETE BOILER PAD 1 BASEMENT	Gray Non-Fibrous Homogeneous		20% Quartz 70% Ca Carbonate 10% Non-fibrous (Other)	None Detected
A-97 *091810686-0002*	CONCRETE BOILER PAD 1 BASEMENT	Gray Non-Fibrous Homogeneous		20% Quartz 70% Ca Carbonate 10% Non-fibrous (Other)	None Detected
A-98 *091810686-0003*	CONCRETE SLAB BASEMENT	Gray Non-Fibrous Homogeneous		20% Quartz 70% Ca Carbonate 10% Non-fibrous (Other)	None Detected
A-99 *091810686-0004*	CONCRETE SLAB BASEMENT	Gray Non-Fibrous Homogeneous		20% Quartz 70% Ca Carbonate 10% Non-fibrous (Other)	None Detected
A-100 *091810686-0005*	BROWN CHALKBOARD MASTIC IN CORRIDOR AT WOMENS RESTROOM	Brown Non-Fibrous Homogeneous		98% Matrix 2% Non-fibrous (Other)	None Detected
A-101 *091810686-0006*	BROWN CHALKBOARD MASTIC IN CORRIDOR IN ROOM 7	Brown Non-Fibrous Homogeneous		90% Matrix 10% Non-fibrous (Other)	None Detected
A-102 *091810686-0007*	BROWN CHALKBOARD MASTIC IN CORRIDOR IN ROOM 27	Brown Non-Fibrous Homogeneous		98% Matrix 2% Non-fibrous (Other)	None Detected
A-103 *091810686-0008*	BROWN CHALKBOARD MASTIC IN CORRIDOR IN ROOM 1	Brown Non-Fibrous Homogeneous		95% Matrix 5% Non-fibrous (Other)	None Detected
A-104 *091810686-0009*	BROWN CHALKBOARD MASTIC IN CORRIDOR IN CORRIDOR AT ROOM 17	Brown Non-Fibrous Homogeneous		98% Matrix 2% Non-fibrous (Other)	None Detected
A-105 *091810686-0010*	CONCRETE SLAB ROOM 32	Gray Non-Fibrous Homogeneous		20% Quartz 70% Ca Carbonate 10% Non-fibrous (Other)	None Detected
A-106 *091810686-0011*	CONCRETE SLAB ROOM 35	Gray Non-Fibrous Homogeneous		20% Quartz 70% Ca Carbonate 10% Non-fibrous (Other)	None Detected
A-107 *091810686-0012*	CONCRETE SLAB ROOM 31	Gray Non-Fibrous Homogeneous		20% Quartz 70% Ca Carbonate 10% Non-fibrous (Other)	None Detected

Initial report from: 05/21/2018 19:04:10

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EMSL Order: 091810686
Customer ID: ECSI85
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
A-108 *091810686-0013*	CONCRETE SLAB ROOM 27	Gray Non-Fibrous Homogeneous		20% Quartz 70% Ca Carbonate 10% Non-fibrous (Other)	None Detected
A-109 *091810686-0014*	CONCRETE SLAB ROOM 20	Gray Non-Fibrous Homogeneous		20% Quartz 70% Ca Carbonate 10% Non-fibrous (Other)	None Detected
A-110 *091810686-0015*	CONCRETE SLAB ROOM 15	Gray Non-Fibrous Homogeneous		20% Quartz 70% Ca Carbonate 10% Non-fibrous (Other)	None Detected
A-111 *091810686-0016*	CONCRETE SLAB ROOM 7	Gray Non-Fibrous Homogeneous		20% Quartz 70% Ca Carbonate 10% Non-fibrous (Other)	None Detected
A-112 *091810686-0017*	CONCRETE SLAB ROOM 5	Gray Non-Fibrous Homogeneous		20% Quartz 70% Ca Carbonate 10% Non-fibrous (Other)	None Detected
A-113 *091810686-0018*	CONCRETE SLAB ROOM 2	Gray Non-Fibrous Homogeneous		20% Quartz 70% Ca Carbonate 10% Non-fibrous (Other)	None Detected
A-114 *091810686-0019*	CONCRETE WALL ROOM 5	Gray Non-Fibrous Homogeneous		20% Quartz 70% Ca Carbonate 10% Non-fibrous (Other)	None Detected
A-115 *091810686-0020*	CONCRETE WALL ROOM 15	Gray Non-Fibrous Homogeneous		20% Quartz 70% Ca Carbonate 10% Non-fibrous (Other)	None Detected
A-116 *091810686-0021*	CONCRETE WALL ROOM 25	Gray Non-Fibrous Homogeneous		20% Quartz 70% Ca Carbonate 10% Non-fibrous (Other)	None Detected
A-117 *091810686-0022*	CONCRETE WALL ROOM 31	Gray Non-Fibrous Homogeneous		20% Quartz 70% Ca Carbonate 10% Non-fibrous (Other)	None Detected
A-118 *091810686-0023*	CONCRETE WALL ROOM 35	Gray Non-Fibrous Homogeneous		20% Quartz 70% Ca Carbonate 10% Non-fibrous (Other)	None Detected
A-119 *091810686-0024*	CONCRETE CEILING ROOM 5	Gray Non-Fibrous Homogeneous		20% Quartz 70% Ca Carbonate 10% Non-fibrous (Other)	None Detected
A-120 *091810686-0025*	CONCRETE CEILING ROOM 15	Gray Non-Fibrous Homogeneous		20% Quartz 70% Ca Carbonate 10% Non-fibrous (Other)	None Detected
A-121 *091810686-0026*	CONCRETE CEILING ROOM 27	Gray Non-Fibrous Homogeneous		20% Quartz 70% Ca Carbonate 10% Non-fibrous (Other)	None Detected
A-122 *091810686-0027*	CONCRETE CEILING ROOM 31	Gray Non-Fibrous Homogeneous		20% Quartz 70% Ca Carbonate 10% Non-fibrous (Other)	None Detected
A-123 *091810686-0028*	WHITE SEALER WHERE REBAR PENETRATES DUCT ROOM 31	Tan Fibrous Homogeneous	80% Synthetic	20% Matrix	None Detected
A-124 *091810686-0029*	WHITE SEALER WHERE REBAR PENETRATES DUCT ROOM 31	Tan Fibrous Homogeneous	80% Synthetic	20% Matrix	None Detected
A-125 *091810686-0030*	CONCRETE CEILING ROOM 36	Gray Non-Fibrous Homogeneous		20% Quartz 70% Ca Carbonate 10% Non-fibrous (Other)	None Detected

Initial report from: 05/21/2018 19:04:10

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EMSL Order: 091810686
Customer ID: ECSI85
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
A-126 *091810686-0031*	CONCRETE STEP NORTH SIDE	Gray Non-Fibrous Homogeneous		30% Quartz 60% Ca Carbonate 10% Non-fibrous (Other)	None Detected
A-127 *091810686-0032*	EXPOSED AGGREGATE CONCRETE SIDEWALK NORTH SIDE	Gray Non-Fibrous Homogeneous		30% Quartz 60% Ca Carbonate 10% Non-fibrous (Other)	None Detected
A-128 *091810686-0033*	CONCRETE BENCH NORTH SIDE	Brown Non-Fibrous Homogeneous		30% Quartz 60% Ca Carbonate 10% Non-fibrous (Other)	None Detected
A-129 *091810686-0034*	CONCRETE SIDEWALK NORTH SIDE	Gray Non-Fibrous Homogeneous		30% Quartz 60% Ca Carbonate 10% Non-fibrous (Other)	None Detected
A-130 *091810686-0035*	EXPOSED AGGREGATE SIDEWALK NORTH SIDE	Gray Non-Fibrous Homogeneous		30% Quartz 60% Ca Carbonate 10% Non-fibrous (Other)	None Detected
A-131 *091810686-0036*	CONCRETE SIDEWALK NORTH SIDE	Gray Non-Fibrous Homogeneous		30% Quartz 60% Ca Carbonate 10% Non-fibrous (Other)	None Detected
A-132 *091810686-0037*	CONCRETE PAD EAST SIDE	Gray Non-Fibrous Homogeneous		30% Quartz 60% Ca Carbonate 10% Non-fibrous (Other)	None Detected
A-133 *091810686-0038*	CONCRETE STEPS EAST SIDE	Gray Non-Fibrous Homogeneous		30% Quartz 60% Ca Carbonate 10% Non-fibrous (Other)	None Detected
A-134 *091810686-0039*	CONCRETE SIDEWALK EAST SIDE	Gray Non-Fibrous Homogeneous		30% Quartz 60% Ca Carbonate 10% Non-fibrous (Other)	None Detected
A-135 *091810686-0040*	CONCRETE SIDEWALK SOUTH SIDE	Gray Non-Fibrous Homogeneous		30% Quartz 60% Ca Carbonate 10% Non-fibrous (Other)	None Detected

Analyst(s)
Oscar Merino (40)

Matthew Batongbacal
or Other Approved Signatory

Initial report from: 05/21/2018 19:04:10

091600038

ENVIRONMENTAL CONSTRUCTION SERVICES, INC.
BULK SAMPLE ANALYSIS FORM

Date: 12/31/15

Laboratory: EMSL

Results Requested By: Rush 24Hr 48Hr 72Hr (Other) 2 Weeks

Analysis Requested:
- [x] PLM Bulk Analysis
- [ ] PLM Point Count 400 - 1000
- [ ] TEM Bulk Analysis
- [ ] FAA Lead Paint Analysis

Job Name: Sacramento City College - Mohr Hall Job Number:

Location: 3835 Freeport Boulevard, Sacramento, CA 95822 Collected By: Ryan Govan

Sample No.	Location/Description
A-01	Tan 9" floor tile, black mastic, Room 5A.
A-02	White 12" floor tile, black mastic, corridor at Jan closet.
A-03	White 12" floor tile, black mastic, Room 17C.
A-04	White 12" floor tile, black mastic, Room 28.
A-05	Brown mastic on tan vinyl base, Room
A-06	Brown mastic on tan vinyl base, Room 25B
A-07	Brown mastic on tan vinyl base, Room 30.
A-08	Brown mastic on black vinyl base, corridor at Jan Closet.
A-09	Brown mastic on black vinyl base, corridor at Room 29.
A-10	Brown mastic on black vinyl base
A-11	Beige 12" floor tile, black mastic, Room
A-12	Beige 12" floor tile, black mastic, Room
A-13	Brown vinyl base with tan mastic, Room 31A
A-14	Brown vinyl base with tan mastic, Room 31A
A-15	Tan floor tile, black mastic under beige 12" tile, Room 31A
A-16	Beige 12" floor tile, Orange mastic, Room 27
A-17	Wall Plaster, Skim Coat, Room 7
A-18	Wall Plaster, Skim Coat, Room 3.
A-19	Wall Plaster, Skim Coat, Men's Restroom.
A-20	Wall Plaster, Skim Coat, Room 17B.

Date:	Time:	Relinquished By:	Company	Received By:	Company:	Date:	Time:
1/2/16		Ryan Govan	ECS	ZA		1/2/16	1:15pm (W-1)

P.O Box 5277 Bay Point, CA 94565 (925) 370-2222 Fax (925) 370-2282

091600038

ENVIRONMENTAL CONSTRUCTION SERVICES, INC.
BULK SAMPLE ANALYSIS FORM

Date: 12/31/15

Laboratory: EMSL

Results Requested By: Rush 24Hr 48Hr 72Hr Other 2 Week

Analysis Requested:
- [x] PLM Bulk Analysis
- [ ] PLM Point Count 400 - 1000
- [ ] TEM Bulk Analysis
- [ ] FAA Lead Paint Analysis

Job Name: Sacramento City College - Mohr Hall

Job Number:

Location: 3835 Freeport Boulevard, Sacramento, CA 95822

Collected By: Ryan Govan

Sample No.	Location/Description
A-21	Wall Plaster, skim coat, Room
A-22	Wall Plaster, skim coat, corridor at Room 20.
A-23	Wall Plaster, skim coat, Room 36
A-24	Wall Plaster, skim coat, Room 35
A-25	Wall Plaster, skim coat, Room 31
A-26	Drywall and joint compand, Room 31
A-27	Drywall and joint compand, Room 27
A-28	Drywall and joint compand at soffit in corridor at Room 9.
A-29	12" Perforated ceiling tile, brown mastic, Room 31
A-30	12" Perforated ceiling tile, brown mastic, tan mastic, Room 30
A-31	12" Perforated ceiling tile, brown mastic, Room 21
A-32	2'X4' fissured ceiling tile, Room 21
A-33	Drywall and joint compand above soffits, Room 21
A-34	12" textured wall tile, Room 21 (brown mastic)
A-35	12" textured ceiling tile, brown mastic, corridor at Room 34
A-36	12" textured wall tile, Room 1 (brown mastic).
A-37	12" fissured wall tile, brown mastic, Room 1.
A-38	2'X4' fissured ceiling tile, Room 5A
A-39	Pipe insulation on black pipe above ceiling, Room 5A.
A-40	Pipe insulation on 6" pipe riser, Room 7.

Date:	Time:	Relinquished By:	Company	Received By:	Company:	Date:	Time:
1/2/16		Ryan Mun	ECS	ZA		1/2/16	1:15pm (W-1)

P.O Box 5277 Bay Point, CA 94565 (925) 370-2222 Fax (925) 370-2282

091600038

ENVIRONMENTAL CONSTRUCTION SERVICES, INC.
BULK SAMPLE ANALYSIS FORM

Date: 12/31/15

Laboratory: EMSL

Results Requested By: Rush 24Hr 48Hr 72Hr (Other) 2 Week

Analysis Requested:
- ☑ PLM Bulk Analysis
- ☐ PLM Point Count 400 - 1000
- ☐ TEM Bulk Analysis
- ☐ FAA Lead Paint Analysis

Job Name: Sacramento City College - Mohr Hall Job Number:

Location: 3835 Freeport Boulevard, Sacramento, CA 95822 Collected By: Ryan Govan

Sample No.	Location/Description
A-41	Grout and mortar under 2" tan ceramic floor tile, Men's Room
A-42	Tan 2" ceramic wall tile, white mastic, Men's Room
A-43	Grout and mortar under 2" tan ceramic wall tile, Women's
A-44	Grout and mortar under 2" tan ceramic floor tile, Women's
A-45	Brick and mortar, Room 9.
A-46	Brick and mortar, ~~Room~~, corridor at room 4.
A-47	Brick and mortar, Room 21
A-48	Brick and mortar, corridor at Room 27.
A-49	Brick and mortar, corridor at Room 35
A-50	Pipe insulation debris above corridor ceiling at Room 10
A-51	Joint Beam tape on duct above corridor ceiling at Room 10
A-52	2'x4' fissured ceiling tile, Room 35 (common tile)
A-53	2'x4' fissured ceiling tile, Room 35 (replacement tile)
A-54	2'x4' fissured ceiling tile, Room 33.
A-55	Joint seam tape on duct above ceiling, Room 33.
A-56	Joint seam tape on duct above ceiling, corridor at room 36
A-57	Window glazing compound in door window at room 7.
A-58	Window glazing compound in door window at room 10
A-59	Window glazing compound in interior window, at room 18.
A-66	Window glazing compound in door window at room 35.

Date:	Time:	Relinquished By:	Company	Received By:	Company:	Date:	Time:
1/2/16		Ryan Mun	ECS	ZA		1/2/16	1:15pm (W-1)

091600038

ENVIRONMENTAL CONSTRUCTION SERVICES, INC.
BULK SAMPLE ANALYSIS FORM

Date: 12/31/15

Laboratory: EMSL

Results Requested By: Rush 24Hr 48Hr 72Hr (Other) 2 Week.

Analysis Requested:
- [x] PLM Bulk Analysis
- [ ] PLM Point Count 400 - 1000
- [ ] TEM Bulk Analysis
- [ ] FAA Lead Paint Analysis

Job Name: Sacramento City College - Mohr Hall Job Number:

Location: 3835 Freeport Boulevard, Sacramento, CA 95822 Collected By: Ryan Govan

Sample No.	Location/Description
A-61	Insulation on H.w elbow, Basement.
A-62	Insulation on H.w elbow, Basement.
A-63	Insulation on H.w elbow, Basement.
A-64	Insulation on C.w elbow, Basement.
A-65	White pipe insulation debris on floor, Basement.
A-66	Built up roofing under foam.
A-67	Built up roofing under foam.
A-68	Built up roofing under foam.
A-69	Insulation on H.w pipe on roof.
A-70	Insulation on H.w pipe on roof.
A-71	Insulation on H.w pipe on roof.
A-72	Insulation on C.w pipe on roof.
A-73	Insulation on C.w pipe on roof.
A-74	Insulation on C.w pipe on roof.
A-75	Insulation on H.w pipe on roof.
A-76	Insulation on C.w pipe on roof.
A-77	Insulation on H.w pipe on roof.
A-78	Window glazing compound at room 35.
A-79	Window glazing compound at room 35.
A-80	Window glazing compound at room 35.

Date:	Time:	Relinquished By:	Company	Received By:	Company:	Date:	Time:
1/2/16		[signature]	ECS	Z-A		1/2/16	1:15pm (W.I)

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OrderID: 091600038

0916 00038

ENVIRONMENTAL CONSTRUCTION SERVICES, INC.
BULK SAMPLE ANALYSIS FORM

Date: 12/31/15

Laboratory: EMSL

Results Requested By: Rush 24Hr 48Hr 72Hr Other 2 Week

Analysis Requested:
- [x] PLM Bulk Analysis
- [ ] PLM Point Count 400 - 1000
- [ ] TEM Bulk Analysis
- [ ] FAA Lead Paint Analysis

Job Name: Sacramento City College - Mohr Hall

Job Number:

Location: 3835 Freeport Blvd, Sacramento, CA 95822

Collected By: Ryan Govan

Sample No.	Location/Description
A-81	Exterior stucco on exterior room at west end
A-82	Exterior stucco on exterior room at west end
A-83	Exterior stucco on exterior room at west end
A-84	Composition roofing on exterior room at west end

Date:	Time:	Relinquished By:	Company	Received By:	Company:	Date:	Time:
1/2/16		Ryan Thun	ECS	ZA		1/2/16	1:15pm (W.I)

P.O Box 5277 Bay Point, CA 94565 (925) 370-2222 Fax (925) 370-2282

OrderID: 091602762

091602762

ENVIRONMENTAL CONSTRUCTION SERVICES, INC.
BULK SAMPLE ANALYSIS FORM

Date: 2/13/16

Laboratory: EMSL

Results Requested By: Rush 24Hr 48Hr (72Hr) Other

Analysis Requested:
- [x] PLM Bulk Analysis
- [ ] PLM Point Count 400 - 1000
- [ ] TEM Bulk Analysis
- [ ] FAA Lead Paint Analysis

Job Name: Sacramento City College Job Number:

Location: Mohr Hall. Collected By: Ryan Govan

Sample No.	Location/Description
A-85	Pipe insulation on 4" Return Pipe in concrete trench, Bsmt Mech RM
A-86	Pipe insulation on Hot Water supply pipe inside wall, Bsmt Mech. RM.
A-87	Transite Pipe at upper wall, Bsmt. Mech. Rm.
A-88	Pipe insulation sleeve at chilled water supply. Bsmt Mech. RM.
A-89	Pipe insulation on Hot Water Pipe riser, Room 7.
A-90	Pipe insulation on Chill Water Return Pipe riser, Room 7
A-91	Pipe insulation on Chill Water Supply Pipe riser, Room 7

Date:	Time:	Relinquished By:	Company	Received By:	Company:	Date:	Time:
2/15/16		Ryan Govan	ECS	ARD		2/15/16	16:30

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OrderID: 091603481

#091603481

ENVIRONMENTAL CONSTRUCTION SERVICES, INC.
BULK SAMPLE ANALYSIS FORM

Date: 2/26/16

Laboratory: EMSL

Results Requested By: Rush 24Hr 48Hr (72Hr) Other _____

Analysis Requested:
- [x] PLM Bulk Analysis
- [ ] PLM Point Count 400 – 1000
- [ ] TEM Bulk Analysis
- [ ] FAA Lead Paint Analysis

Job Name: Sacramento City College Job Number: _____

Location: Mohr Hall Collected By: Ryan Govan

Sample No.	Location/Description
A-92	Black wrap on hot water pipe at radiator

Date:	Time:	Relinquished By:	Company	Received By:	Company:	Date:	Time:
2/27/16		Ryan Govan	ECS	Z:A	2/27/16	3:45pm	(W1)

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OrderID: 091613129

091613129

ENVIRONMENTAL CONSTRUCTION SERVICES, INC.
BULK SAMPLE ANALYSIS FORM

Date: 7/11/16

Laboratory: EMSL

Results Requested By: Rush 24Hr 48Hr (72Hr) Other

Analysis Requested:
- [x] PLM Bulk Analysis
- [ ] PLM Point Count 400 – 1000
- [ ] TEM Bulk Analysis
- [ ] FAA Lead Paint Analysis

Job Name: Sacramento City College Job Number:

Location: Mohr Hall Collected By: Ryan Govan

Sample No.	Location/Description
A-93	Insulation inside door to room 36.
A-94	Insulation inside door to room 36.
A-95	Insulation inside door to room 1.

Date:	Time:	Relinquished By:	Company	Received By:	Company:	Date:	Time:
7/12/16			ECS		7.12.16		10:00

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OrderID: 091810686

091810686

ENVIRONMENTAL CONSTRUCTION SERVICES, INC.

BULK SAMPLE ANALYSIS FORM

Date: 5/19/18

Laboratory: EMSL

Results Requested By: Rush 24Hr 48Hr (72Hr) Other

Analysis Requested:
- ☒ PLM Bulk Analysis
- ☐ PLM Point Count 400 – 1000
- ☐ TEM Bulk Analysis
- ☐ FAA Lead Paint Analysis

Job Name: Sacramento City College - Mohr Hall Job Number:

Location: 3835 Freeport Blvd, Sacramento, CA 95822 Collected By: Ryan Govan

Sample No.	Location/Description
A-96	Concrete boiler Pad 1, Basement
A-97	Concrete boiler Pad 2, Basement.
A-98	Concrete Slab, Basement.
A-99	Concrete Wall, Basement.
A-100	Brown Chalkboard mastic in corridor at women's restroom.
A-101	Brown chalkboard mastic in room 7.
A-102	Brown Chalkboard mastic in room 27.
A-103	Brown chalkboard mastic in room 1.
A-104	Brown Chalkboard mastic in corridor at room 17.
A-105	Concrete Slab, room 32.
A-106	Concrete Slab, room 35.
A 107	concrete slab, room 31.
A-108	Concrete Slab, room 27.
A-109	Concrete Slab, room 20.
A-110	Concrete Slab, room 15.
A-111	Concrete Slab, room 7.
A-112	Concrete Slab, room 5.
A-113	Concrete Slab, room 2.
A-114	Concrete Wall, room 5
A- 115	Concrete Wall, room 15.

Date:	Time:	Relinquished By:	Company	Received By:	Company:	Date:	Time:
5/19/18		Ryan Govan	ECS	SA	EMSL	5/19/18	1:30pm

P.O Box 5277 Bay Point, CA 94565 (925) 370-2222 Fax (925) 370-2282

OrderID: 091810686

ENVIRONMENTAL CONSTRUCTION SERVICES, INC.

BULK SAMPLE ANALYSIS FORM

Date: 5/12/18

Laboratory: EMSL

Results Requested By: Rush 24Hr 48Hr (72Hr) Other

Analysis Requested:
- [x] PLM Bulk Analysis
- [ ] PLM Point Count 400 – 1000
- [ ] TEM Bulk Analysis
- [ ] FAA Lead Paint Analysis

Job Name: Sacramento City College - Mohr Hall Job Number:

Location: 3835 Freeport Blvd, Sacramento, CA 95822 Collected By: Ryan Govan

Sample No.	Location/Description
A-116	Concrete wall, room 25.
A-117	Concrete wall, room 31.
A-118	Concrete wall, room 35
A-119	Concrete ceiling, room 5.
A-120	Concrete ceiling, room 15.
A-121	Concrete ceiling, room 37.
A-122	Concrete ceiling, room 31.
A-123	White Sealer where rebar penetrates duct, room 31.
A-124	White Sealer where rebar Penetrates duct, room 31
A-125	Concrete ceiling, room 36
A-126	Concrete step, North Side.
A-127	Exposed aggregate Concrete Side Walk, North Side.
A-128	Concrete bench, North Side
A-129	Concrete Sidewalk, North Side.
A-130	Exposed aggregate Side walk, North Side.
A-131	Concrete side walk, North Side.
A-132	Concrete Pad, East Side.
A-133	Concrete steps, East Side
A-134	Concrete Sidewalk, East Side
A-135	Concrete Side walk, South Side.

Date:	Time:	Relinquished By:	Company	Received By:	Company:	Date:	Time:
5/19/18		Ryan Govan	ECS				

P.O Box 5277 Bay Point, CA 94565 (925) 370-2222 Fax (925) 370-2282

EMSL Analytical, Inc
464 McCormick Street, San Leandro, CA 94577
Phone/Fax: (510) 895-3675 / (510) 895-3680
http://www.EMSL.com sanleandrolab@emsl.com

EMSL Order:	091600039
CustomerID:	ECSI85
CustomerPO:	
ProjectID:	

Attn: **Ryan Govan**
Environmental Construction Services,Inc.
PO Box 5277

Bay Point, CA 94565

Phone:	(925) 370-2222
Fax:	(925) 370-2282
Received:	01/02/16 1:15 PM
Collected:	12/31/2015

Project: **SACRAMENTO CITY COLLEGE - MOHR HALL, 3835 FREEPORT BOULEVARD, SACRAMENTO, CA 95822**

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	Collected	Analyzed	RDL	Lead Concentration
L-01 *091600039-0001*	12/31/2015 Site: ROOM 7 Desc: GREEN PAINT ON PLASTER WALL	1/4/2016	110 mg/Kg	2200 mg/Kg
L-02 *091600039-0002*	12/31/2015 Site: ROOM 7 Desc: ORANGE PAINT ON METAL DOOR FRAME	1/4/2016	100 mg/Kg	2700 mg/Kg
L-03 *091600039-0003*	12/31/2015 Site: ROOM 71A Desc: GREEN PAINT OVER RED ON METAL DOOR FRAME	1/4/2016	100 mg/Kg	3700 mg/Kg
L-04 *091600039-0004*	12/31/2015 Site: ROOM 21 Desc: STAIN ON WOOD DOOR	1/4/2016	280 mg/Kg	410 mg/Kg
L-05 *091600039-0005*	12/31/2015 Site: ROOM 21 Desc: BEIGE PAINT ON CONCRETE WALL	1/4/2016	110 mg/Kg	660 mg/Kg
L-06 *091600039-0006*	12/31/2015 Site: ROOM 27 Desc: RED PAINT ON METAL DOOR FRAME	1/4/2016	110 mg/Kg	5100 mg/Kg
L-07 *091600039-0007*	12/31/2015 Site: ROOM 35 Desc: BEIGE PAINT ON CONCRETE WALL	1/4/2016	100 mg/Kg	170 mg/Kg
L-08 *091600039-0008*	12/31/2015 Site: ROOM 35 Desc: ORANGE PAINT ON METAL DOOR FRAME	1/4/2016	100 mg/Kg	2900 mg/Kg
L-09 *091600039-0009*	12/31/2015 Site: CORRIDOR Desc: BEIGE PAINT ON PLASTER WALL	1/4/2016	110 mg/Kg	<110 mg/Kg

Chris Dojlidko, Laboratory Manager
or other approved signatory

*Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.010 % wt based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise.

Samples analyzed by EMSL Analytical, Inc San Leandro, CA A2LA Accredited Environmental Testing Cert #2845.09

Initial report from 01/05/2016 09:28:31

EMSL Analytical, Inc
464 McCormick Street, San Leandro, CA 94577
Phone/Fax: (510) 895-3675 / (510) 895-3680
http://www.EMSL.com sanleandrolab@emsl.com

EMSL Order:	091600039
CustomerID:	ECSI85
CustomerPO:	
ProjectID:	

Attn: **Ryan Govan**
Environmental Construction Services,Inc.
PO Box 5277

Bay Point, CA 94565

Phone:	(925) 370-2222
Fax:	(925) 370-2282
Received:	01/02/16 1:15 PM
Collected:	12/31/2015

Project: **SACRAMENTO CITY COLLEGE - MOHR HALL, 3835 FREEPORT BOULEVARD, SACRAMENTO, CA 95822**

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	Collected	Analyzed	RDL	Lead Concentration
L-10 *091600039-0010*	12/31/2015	1/4/2016 Site: ROOM 24 Desc: BEIGE PAINT ON PLASTER WALL	110 mg/Kg	1300 mg/Kg
L-11 *091600039-0011*	12/31/2015	1/4/2016 Site: BASEMENT Desc: BEIGE PAINT ON CONCRETE WALL	100 mg/Kg	<100 mg/Kg
L-12 *091600039-0012*	12/31/2015	1/4/2016 Site: BASEMENT Desc: BEIGE PAINT ON METAL LOUVERS	2500 mg/Kg	19000 mg/Kg
L-13 *091600039-0013*	12/31/2015	1/4/2016 Site: METAL HAND RAIL Desc: BEIGE PAINT OVER ORANGE	25000 mg/Kg	260000 mg/Kg
L-14 *091600039-0014*	12/31/2015	1/4/2016 Site: BASEMENT Desc: BEIGE PAINT ON EXTERIOR CONCRETE WALL	100 mg/Kg	320 mg/Kg
L-15 *091600039-0015*	12/31/2015	1/4/2016 Site: ROOF A.C. UNIT Desc: WHITE PAINT OVER RED	110 mg/Kg	1100 mg/Kg
L-16 *091600039-0016*	12/31/2015	1/4/2016 Site: ROOF A.C. UNIT Desc: WHITE PAINT OVER RED	100 mg/Kg	900 mg/Kg
L-17 *091600039-0017*	12/31/2015	1/4/2016 Site: METAL FACIA Desc: BROWN PAINT	110 mg/Kg	370 mg/Kg

Chris Dojlidko, Laboratory Manager
or other approved signatory

*Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.010 % wt based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise.

Samples analyzed by EMSL Analytical, Inc San Leandro, CA A2LA Accredited Environmental Testing Cert #2845.09

Initial report from 01/05/2016 09:28:31

OrderID: 091600039

091600039

ECS ENVIRONMENTAL CONSTRUCTION SERVICES, INC.

METALS ANALYSIS SAMPLE REQUEST FORM

PAGE 1 OF 1

DATE: 12/31/15

LABORATORY: EMSL

RESULTS REQUESTED BY: 3 HR / 6HR / 24 HR / 2 DAY
3 DAY / (2 WEEK) / OTHER

JOB NAME: Sacramento City College
Mohs Hall
3835 Freeport Blvd, Sacramento, CA

ANALYSIS REQUESTED
Soil / Bulk / Water / (Paint) / HUD Wipe / TTLC / STLC / TCLP
Other
Units Req: (mg/kg) mg/cm² µg/ft² µg/100cm² ppm wt%
AA/Flame AA/Furnace ICP Cold Vapor
METALS: (Lead) / Other

COLLECTED BY: Ryan Govan
PHONE: (925) 925-370-2222 FAX: (925) 925-370-2282
E-Mail: ryangovan@gmail.com

SAMPLE NO.	LOCATION / DESCRIPTION
L-01	Green Paint on Plaster Wall, Room 7.
L-02	Orange Paint on metal door frame, Room 7.
L-03	Green Paint over red on metal door frame, Room 7A.
L-04	Stain on Wood door, Room 21.
L-05	Beige Paint on Concrete Wall, Room 21.
L-06	Red Paint on metal door frame, Room 27.
L-07	Beige Paint on Concrete Wall, Room 35.
L-08	Orange Paint on Metal door frame, Room 35.
L-09	Beige Paint on Plaster Wall, Corridor
L-10	Beige Paint on Plaster Wall, Room 24
L-11	Beige Paint on Concrete Wall, Basement.
L-12	Beige Paint on Metal Louvers, Basement.
L-13	Beige Paint over orange on Metal hand rail.
L-14	Beige Paint on exterior concrete wall at basement.
L-15	White Paint over red on roof A.C. Unit.
L-16	White Paint over red on roof A.C Unit
L-17	Brown Paint on metal fascia

Relinquished by: Ryan Govan Date/Time: 1/2/15	Received by: ZA Date/Time: 1/2/15 1:15pm (W1)
Relinquished by: Date/Time:	Received by: Date/Time:

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