National Park Service

REPLACE JONES POINT TRAILER
JEAN LAFITTE NATIONAL HISTORICAL PARK & PRESERVE, NEW ORLEANS, LA



Hazardous Materials Assessment of Impacted Areas of Education Building, Administration Building, Maintenance Complex and Jones Point Trailer and Surrounding Site

August 15, 2024

Prepared by:
Croft & Associates, PC
3400 Blue Springs Road
Kennesaw, GA 30144

Consultant:
TSE Environmental, LLC
P.O. Box 2628
Carrollton, Georgia 30112

CROFT

TABLE OF CONTENTS

Project Executive Summary 3

1.0 Description of Facilities 4
Project Background
Project Description, Purpose and Scope
Observations

2.0 General Approach 7

3.0 Sampling and Analytical Methodology 8
3.1 Asbestos Containing Materials
3.2 Lead Containing Paint (LCP) and Lead Containing Materials (LCM)

4.0 Report of Findings 13
4.1 Asbestos Containing Materials
4.1.1 Friable ACM
4.1.2 Non-Friable ACM
4.2 Lead Based Paint (LBP), Lead Containing Paint (LCP) and Lead Containing Materials (LCM)
4.2.1 Lead Based Paint
4.2.2 Lead Containing Paint
4.2.3 Lead Containing Materials

5.0 Miscellaneous Hazardous Materials 16

6.0 General Recommendations 17

7.0 Project Specific Report Comments, Recommendations, Limitations and Exclusions 18

8.0 Tables
Table 1- Suspect Materials Sampled for Asbestos Content
Table 2- LCP, LCM and Lead
Table 3- Miscellaneous Hazardous Materials
Table 4- Jones Point Area Site Observations

9.0 Representative Project Photographs
9.1- Suspect Materials Sampled for Asbestos Content
9.2-Identified LCP and LCM
9.3-Miscellaneous Hazardous Materials
9.4- Jones Point Site Photos and Site Plan with Codes
9.5- Maintenance Shed Hoist Beam

Appendices
Appendix A- Laboratory Analytical Results- PLM Bulk Samples
Appendix B- Laboratory Analytical Results- Lead in Paint
Appendix C- Personnel and Laboratory Accreditations

PROJECT EXECUTIVE SUMMARY

Between July 17 and July 20, 2024, the identified project areas located at Jean Lafitte National Historical Park and Preserve (JELA), New Orleans, Louisiana, were inspected by TSE Environmental, LLC (TSE) personnel for the presence of suspect asbestos containing materials (ACM), lead-containing paint and lead containing materials and miscellaneous hazardous materials.

Purpose and Scope: The primary purpose and scope of the hazardous material assessment was to attempt to identify asbestos, lead or other miscellaneous hazardous materials (all collectively referred to as hazardous materials) present within the interior and exterior spaces of the identified project locations prior to disturbance; and quantify the hazardous materials likely to be disturbed as a result of the project. The investigation included the following primary activities: (1) a visual inspection of the areas; and (2) bulk sampling for laboratory analysis of building materials for asbestos and lead that exhibited a high potential for disturbance by renewal or demolition activities and (3) an inventory of miscellaneous hazardous materials present in the impacted areas of the buildings.

The asbestos inspection was performed in general accordance with the United States Environmental Protection Agency (EPA), National Emission Standard for Hazardous Air Pollutants (NESHAP) (ref.: 40 CFR, Part 61), utilizing the Asbestos Hazard Emergency Response Act (AHERA) standard sampling and analytical protocols (ref.: 40 CFR 763).

For the Education, Administration, Law, Maintenance and Jones Point Trailer buildings, sampling of the predominant visible painted coatings present with potential for disturbance within the identified building areas scheduled for renovation or demolition was performed in order to address the U.S. Occupational Safety and Health Administration (OSHA) regulations under 29 CFR 1926.62.

1.0- DESCRIPTION OF FACILITIES

Project Background: CROFT has been engaged by the NPS Denver Service Center to lead AE design for the rehabilitation of the Jones Point Facility Replacement project in the Barataria Preserve, New Orleans, LA, to include removal of the Jones Point trailer, renovations of identified areas of the existing Visitor Center, Law Building and Education Center, and removal of a hoist beam in the Maintenance complex. The project will reduce overall Park maintenance efforts by consolidating resource management staff with law enforcement and maintenance operations at the Admin Building (former VC) and Maintenance Complex. A chief goal is to optimize operations in the Barataria Preserve, reducing building area, consolidating and making storage more efficient for resource management equipment and surrounding areas..

Project Description: This task order generally involves the following buildings and scopes of work. Specific scope(s) of work are detailed on the drawings/plans:

- Education Building (interior renovation to convert it to the new Visitor Center/Admin)
- Maintenance Complex (isolated scope–refer to plans. Removal of one steel hoist beam.)
- Administration Building (former Visitor Center - full interior renovation to convert to new Education Center)
- Law Building (renovation of public bathroom areas.) This building is connected by a boardwalk to current Visitor Center/Admin Building.
- Jones Point Trailer and surrounding site (demolition of trailer and certain site modifications).

These buildings are located at the Jean Lafitte National Historical Park and Preserve, New Orleans, Louisiana.

Observations:

Education Building- date of construction was reported as early 1990s. Ceilings were observed primarily as painted Gypsum Wallboard (GWB) with small areas of wood present. Walls are primarily painted GWB with painted wood siding in the unconditioned space in the middle of the building and exterior of the building. Flooring was observed as either primarily mint green or grey epoxy-type coating, with carpeting on plywood subfloor in the observation area. 8” quarry tile flooring was observed in the Kitchen area. The bathroom floor in the toilet in the Ranger Office consisted of ceramic tile flooring which is not scheduled for disturbance.

The exterior walls of the building consisted of painted wood siding with new style vinyl windows. Metal hurricane shutters are in place over the majority of the existing windows.

HVAC equipment observed was Carrier brand AHUs in the mechanical space above the Storage area and in the Main Mechanical room near the Multi-Purpose area. Condenser units were located outside the facility. Ductwork in the mechanical spaces and above ceilings was

observed as either fiberglass insulated flexible duct, or un-insulated metal duct with taped seams. Fiberglass insulation was observed on existing domestic water in mechanical spaces.

Visitor Center/Admin Building- date of construction was estimated as mid to late 1990s. Ceilings were observed primarily as painted Gypsum Wallboard (GWB). Walls are primarily painted GWB with one room observed with wallpaper (Office Toilet). Flooring was observed as primarily grey epoxy-type coating, with sheet vinyl flooring observed in the Office Toilet and adjacent Storage room and in the exterior access Electrical and Mechanical areas. HVAC ductwork observed in the interior of the building was white painted metal.

HVAC equipment observed was two Daikin brand AHUs and two Ultra Air XT SD units in the exterior access Mechanical room near the Multi-Purpose area. Condenser units for the AHUs were observed outside the facility on the wood deck adjacent to the mechanical room. Ductwork in the mechanical spaces was observed as either fiberglass insulated or un-insulated metal with taped seams. No insulation was observed on existing visible domestic water piping. Water piping inside walls was not visible.

Law Building adjacent to the Visitor Center/Admin Building- date of construction was estimated as mid to late 1990s same as the VC/Admin Bldg. Areas of renovation involved in this building included the Men's, Women's and Unisex Bathrooms and the Utility Closet. Ceilings were observed primarily as painted Gypsum Wallboard (GWB). Walls are primarily stipple finished painted gypsum wallboard (GWB) in the bathrooms, with unpainted GWB in the Utility Closet. Flooring was observed as ceramic tile in the Bathrooms, with sheet vinyl flooring present in the Utility Closet. HVAC ductwork was not visible in the Bathrooms.

HVAC equipment observed was a single AHU with fiberglass insulated flex duct in the Utility Closet. The AHU is not currently scheduled for disturbance. Insulation was observed on existing visible domestic water piping as either fiberglass or rubber in the Utility Chase. Piping inside walls was not visible.

Jones Point Trailer and Site- date of construction of the Trailer was estimated as early to mid 2000s. The Trailer is reportedly a converted construction trailer and has been in use by the Park personnel for approximately 10-15 years. Ceilings were observed as Gypsum Wallboard (GWB) with a decorative stippled finish. No joint compound was observed on the ceilings or walls. Walls are primarily painted gypsum wallboard (GWB) with fiberglass insulation between the interior and exterior walls of the structure. Flooring was observed as primarily 12" VCT on a plywood subfloor, with carpeting on plywood subfloor in three small rooms on the east and west ends of the structure. A metal sub-frame was observed underneath the Trailer for transporting the Trailer.

The exterior walls and underpinning of the Trailer consisted of metal siding with metal trim and aluminum framed windows. Entry doors and frames were metal. Metal hurricane shutters are in place over the existing windows. Roofing was observed as fiberglass shingles with felt paper

on plywood roof deck. Previous damage from storms with repairs to shingles was visible on the roof.

HVAC equipment observed was two self contained units mounted on the west end of the structure. The nameplates on the units were too faded to read. Ductwork was in the space above the existing ceilings and was not visible except for small areas at diffusers. Fiberglass insulation was visible in the interior of the ductwork at the diffusers. Existing domestic water piping was observed as PVC.

The Trailer steps were observed as unpainted concrete and the Trailer handrails were unpainted aluminum.

Observations of the site surrounding the Trailer are detailed in Report Section 8.0: Table 4- *Jones Point Trailer Site Observations*.

Maintenance Shed- the hoist beam scheduled for removal was observed as a galvanized steel beam. No primer coating was visible.

2.0- GENERAL APPROACH

TSE was retained to perform a targeted asbestos inspection in order to meet the asbestos sampling and reporting requirements of the U.S. Occupational Safety and Health Administration (OSHA), and the U.S. Environmental Protection Agency (EPA) National Emissions Standards for Hazardous Air Pollutants (NESHAP) regulations pertaining to the upcoming renovation and demolition activities involving the buildings involved in this project- Education Building, Visitor Center/Admin Building, Law Building, Maintenance Complex and Jones Point Trailer located at Jean Lafitte National Historical Park and Preserve, New Orleans, LA.

TSE was also retained to perform sampling of the predominant visible painted coatings with potential for disturbance present within the identified building areas scheduled for renovations or demolition (as applicable) in order to address the U.S. Occupational Safety and Health Administration (OSHA) regulations under 29 CFR 1926.62. For this project, the purpose of the limited lead sampling activities is to provide generalized information regarding the presence of lead-painted or lead-containing building materials for facilitating contractor compliance with OSHA Standard 29 CFR 1926.62, Lead in Construction, during the renovation or demolition activities (as applicable) of each structure involved in this project.

TSE personnel also performed an inventory of miscellaneous hazardous materials for the impacted building areas in this project.

Please see the report section 7.0 titled "*Project Specific Report Comments, Recommendations, Limitations and Exclusions*" for any limitations, exclusions and clarifications regarding the limited survey performed at this facility.

3.0- SAMPLING AND ANALYTICAL METHODOLOGY

Specific sampling and analytical methods are used to determine asbestos content in building materials and lead content in paints, coatings and various building materials. Sampling and analytical methods utilized during the project site work are briefly explained below.

3.1- Asbestos Containing Materials:

Asbestos is a naturally occurring mineral, divided into two major groups: serpentine and amphibole. Chrysotile, also known as "white asbestos," is the only asbestos mineral in the serpentine group. It is the most commonly used type of asbestos and accounts for 95 percent of the asbestos found in buildings in the United States. Five types of asbestos are found in the amphibole group. Amosite, sometimes called "brown asbestos," is the second most commonly found asbestos. Crocidolite, also known as "blue asbestos," anthophyllite, tremolite and actinolite are the remaining types of asbestos in the amphibole group. Asbestos gained widespread use because it is plentiful, readily available, and low in cost. Because of its unique properties – fire resistance, high tensile strength, poor heat and electrical conductivity, and being generally impervious to chemical attacks – asbestos proved well suited for many uses in the construction trades. Some asbestos-containing materials began to be phased out in the 1970s, once its associated health hazards became widely known and documented, but many asbestos containing products and materials remain available for purchase and are still in use today.

SAMPLING AND ANALYSIS

The EPA and OSHA have published regulations, guidelines, and recommendations regarding inspection and sampling for ACM. These regulations, guidelines, and recommendations were adhered to as appropriate. The limited inspection was conducted in general accordance with the sample collection protocols established in EPA regulation 40 CFR 763 (AHERA). Both the EPA NESHAP regulations at 40 CFR Part 61, Subpart M and the OSHA regulations at 29 CFR 1926.1101 cross reference the AHERA regulations at 40 CFR Part 763 as the standard of requirement for performing asbestos inspections, i.e., that inspections performed must be performed in compliance with 40 CFR Part 763. A specific requirement for this project from the task order was to collect a minimum of three bulk samples for each homogeneous area of suspect asbestos containing materials. A summary of general observations during the limited project survey/sampling activities is provided below.

Our services began with a visual survey of the facility areas identified to us as involved in this project. The visual survey consisted of a walk-through of the identified areas to identify, inventory, and assess materials suspected to contain asbestos (suspect materials). Suspect materials were grouped based on material homogeneity. A "homogeneous area" (a/k/a

homogeneous material) is defined by the EPA as "*an area of surfacing material, thermal system insulation material or miscellaneous material that is uniform in color and texture*". Date of application can also be a consideration in identification of homogeneous areas where materials appear to have been applied or installed during the same general time period, or in a different time period. For the purposes of this survey, building materials identified as concrete, glass, wood, masonry, metal or rubber were not considered suspect materials for ACM.

Following the visual survey, representative bulk samples were collected of homogeneous suspect materials and/or areas identified with potential for disturbance in this project. For this project, bulk samples were collected from targeted areas of the facility components identified to TSE as specifically involved with this project. Sample locations were generally chosen at random from targeted locations and/or identified suspect materials involved with this project. A total of 90 bulk samples, some with multiple layers, were collected from the identified suspect building materials in the facility areas involved with this project during the project site visit of July 17-20, 2024. These samples were then delivered to EMSL Analytical, Inc. (EMSL), a National Voluntary Laboratory Accreditation (NVLAP) accredited laboratory located in Pineville, North Carolina, for bulk analysis by Polarized Light Microscopy (PLM) coupled with dispersion staining (EPA/600/R-93/116 CVE- reporting limit to <1%). The laboratory results of the PLM Bulk Sample Analyses are presented in Appendix A.

Please refer to Report Section 8.0: *Table 1- Suspect Materials Sampled for Asbestos Content*, for a complete and detailed listing of suspect materials identified and sampled within each homogeneous sampling area at the buildings involved in this project.

3.2- Lead Based Paint, Lead Containing Paint and Lead Containing Materials:

For this project, representative sampling for lead content of the predominant visible painted coatings present identified with potential for disturbance within the identified building areas scheduled for renovation or demolition (as applicable) was requested and performed in order to address the U.S. Occupational Safety and Health Administration (OSHA) Lead in Construction regulations under 29 CFR 1926.62.

Lead is a heavy, soft, malleable bluish metal. It is versatile and has favorable physical and chemical properties, which has accounted for its extensive use. Much of lead's usefulness is due to its plasticity and softness – it can be easily be rolled and molded. Lead was used extensively in building construction, especially roofing, cornices, and water and sewer pipes. Its compounds, such as white lead and lead chromate, were widely used as pigments in paint. Lead is also commonly found in varnishes, primers and some vinyl products. In the 1970s, Congress drastically limited the level of lead allowed in paints and varnishes.

Pursuant to 29 CFR 1926.62, Lead Exposure in Construction; Interim Final Rule— OSHA Inspection and Compliance Procedures, the following applies: *"For all occupational exposure to lead occurring in the course of construction work, the standard does not specify a minimum*

amount or concentration of lead that triggers a determination that lead is present and the potential for occupational exposure exists. However, if the employer has appropriately tested all potential sources of lead (e.g., tested all layers of paints and coatings that may be disturbed) utilizing a valid detection method for the presence of lead and found no detectable levels of lead, the standard does not apply."

Please refer to Section 4.0 for a complete listing of paints and coatings and/or materials identified as Lead Containing Paint (LCP) or Lead Containing Materials (LCM). Refer to Section 8.0: *Table 2- LCP, LCM and Lead* for a complete listing of paints and coatings and/or materials sampled and identified as Lead Containing Paint (LCP) or Lead Containing Materials (LCM).

4.0- REPORT OF FINDINGS

4.1- Asbestos Containing Materials:

An asbestos-containing material (ACM) is defined by the US EPA and OSHA as those materials containing more than one percent asbestos, as determined using the method specified in appendix E, subpart E, 40 CFR part 763, section 1, Polarized Light Microscopy (PLM) analysis. If one of the samples for a specific homogenous area group is determined to be an ACM, the entire homogeneous area group must be designated as an asbestos containing material (ACM). Suspect materials not sampled must be either assumed or presumed to contain asbestos in accordance with the requirements in State and Federal regulations pertaining to asbestos. Suspect Materials that were reported to contain greater than one percent asbestos content are defined by regulation as an ACM.

ACM are generally categorized into two categories: Friable and Non-Friable. Friable ACM are those materials that, when dry, may be crumbled, pulverized or reduced to powder by hand pressure. Friable materials are generally considered to have a higher potential for releasing fibers into the air when disturbed, and therefore represent a higher risk group. Consequently, they are also generally subject to more regulatory requirements. Non-friable ACM are defined as those materials which, when dry, cannot be crumbled, pulverized or reduced to powder by hand pressure, and are therefore generally considered less likely to release fibers, and may have fewer regulatory requirements. Non-friable materials may become friable from forces acting upon them and improper removal processes, and may be defined as friable if the material becomes damaged to the extent that, when dry, it may be crumbled, pulverized or reduced to powder by hand pressure.

Any asbestos containing materials identified in the project Survey Areas are summarized below. Please refer to Section 8.0: *Table 1- Suspect Materials Sampled for Asbestos Content*, for a complete and detailed listing of suspect materials sampled, homogeneous sampling areas identified, a summary of the laboratory analytical results, and comments. Copies of Laboratory Analytical results are Located in Appendix A.

4.1.1- Friable ACM:

The inspection did not identify friable asbestos containing materials in the project survey areas.

4.1.2- Non-Friable ACM:

The inspection did not identify non-friable asbestos containing materials in the project survey areas.

4.2- Lead Based Paint, Lead Containing Paint and Lead Containing Materials:

For this project, representative sampling for lead content of the predominant visible painted

coatings present identified with potential for disturbance within the identified building areas scheduled for renovation or demolition (as applicable) was performed in order to address the U.S. Occupational Safety and Health Administration (OSHA) Lead in Construction regulations under 29 CFR 1926.62.

Our survey addressed predominant painted coatings observed with potential for disturbance associated with the project areas scheduled for renovation or demolition (as applicable). 15 individual paint chip samples and 1 wallpaper sample were collected by TSE personnel for subsequent analysis to determine lead content in the identified impacted areas of the building areas involved with this project. The samples were collected from the components by removing a representative sample of the coating from the component until the substrate was visible. The paint chip samples collected were submitted to EMSL Analytical, Inc. (EMSL)'s laboratory in Pineville, NC for Lead in Paint analysis utilizing Flame Atomic Absorption Spectroscopy using the U.S. EPA Method SW846/M3050B/7000B. A copy of EMSL's laboratory analysis reports are included in Appendix B.

Of the total of 15 paint chips and 1 wallpaper sample collected, none were reported at or above the level defined as Lead Based Paint ($\geq$ 0.5 % by weight). Of the 15 paint chips, 3 were reported having detectable levels of lead between the laboratory detection limit and 0.5 % by weight, and the remaining 12 paint chips were reported below the level of detection of the laboratory analytical method (BRL). The wallpaper sample from the Visitor Center/Admin Building was reported below the limit of detection of the laboratory analytical method (BRL).

Glazed blocks, ceramic tile and quarry tile frequently have a lead-containing glazing on the surface that is not detectable by standard laboratory methods such as Flame AA or ICP analysis for painted surfaces. Glazed block wall tiles and ceramic floor tiles were observed present in the following areas scheduled for renovations at this facility and are assumed to be **Lead Containing Materials:**

- Education Building:
  - 8" quarry floor tile in the Kitchen area.
  - Ceramic wall/floor tile in the Toilet in the Ranger Office area. The ceramic wall/floor tiles are reportedly not scheduled for disturbance in this project.
- Law Building- ceramic flooring in the Men's, Women's and Unisex toilets.

These items are regulated by the OSHA Lead in Construction standard (29 CFR 1926.62) and will require contractor compliance with OSHA (Interim Final Lead in Construction Standard 29 CFR 1926.62) which specifies certain worker protection requirements for personnel whose job activities require them to disturb these types of materials with potential leaded materials present. These materials will also require proper disposal or recycling in accordance with EPA RCRA regulations at 40 CFR parts 260-273. Recycling is always recommended for scrap metal items.

TSE personnel also attempted to collect representative samples of the coatings observed on the existing structural steel beams/columns for subsequent analysis to determine lead content. The applied coatings were too thin and powdery to allow collection of sufficient sample media for subsequent analysis to determine lead content. In our experience, past sampling of similar type coatings that allowed collection of sufficient sample media size for analysis often contain lead above the detection limit of the analytical method utilized for analysis. Coatings observed on the exterior of the structural steel beams/columns are assumed to contain detectable (regulated) amounts of lead in the coatings present and are identified as **LEAD-CONTAINING COATINGS.** These materials require contractor compliance with OSHA (Interim Final Lead in Construction Standard 29 CFR 1926.62) which specifies certain worker protection for personnel whose job activities require them to disturb or remove these types of materials. These materials will also require proper, legal disposal or recycling in accordance with EPA RCRA regulations at 40 CFR parts 260-273.

Items identified or assumed with lead containing painted coatings or glazing or as lead containing materials that are reportedly scheduled for disturbance in this project are as follows:

a. **Education Building:**
    i. **Painted coatings on Structural Steel beams and columns.**
    ii. **8" quarry floor tiles.**
b. **Visitor Center/Admin Building:**
    i. **Interior metal door frames.**
    ii. **Painted coatings on Structural Steel beams and columns (if present).**
c. **Law Building:**
    i. **Exterior door frames (access to bathrooms and utility closet)**
    ii. **Ceramic floor tiles in multiple bathrooms**
d. **Trailer:**
    i. **Exterior metal siding**

If disturbance of these items, including manual demolition or welding, burning or torch cutting will be utilized in regards to these items, the requirements in 29 CFR 1926.62 Lead in Construction regulation must be followed and the work practices in the OSHA Technical Manual, Section V, Chapter 3 should be followed.

These items are regulated by the OSHA Lead in Construction standard (29 CFR 1926.62) and will require contractor compliance with OSHA (Interim Final Lead in Construction Standard 29 CFR 1926.62) which specifies certain worker protection requirements for personnel whose job activities require them to disturb these types of materials with potential leaded materials present. These materials will also require proper disposal or recycling in accordance with EPA RCRA regulations at 40 CFR parts 260-273. Recycling is always recommended for scrap metal items, such as the metal door frames and metal siding.

LCP and LCM identified in the Survey Areas are summarized in Section 8.0: *Table 2- Lead Containing Paint, Lead Containing Materials and Lead*, which contains a complete listing of coatings and materials sampled/identified, and a summary of the laboratory analytical results. Copies of Laboratory Analytical results are Located in Appendix B. Items with Lead Containing Paint are identified in section 4.2.2 below. Lead Containing Materials are identified in section 4.2.3 below.

4.2.1- Lead Based Paint:

Pursuant to US EPA regulations at 40 CFR Part 745 and Title X of the Housing and Community Development Act of 1992, Lead-Based Paint, or LBP, is defined as: paint or other surface coatings that contain lead equal to or greater than 1.0 milligrams per square centimeter (mg/cm2), or more than 0.5% by weight. Lead Based Paint was not identified at this facility. These items are regulated by applicable portions of the OSHA Lead in Construction standard (29 CFR 1926.62) and will require contractor compliance with these regulations. These materials will also require proper disposal or recycling in accordance with EPA RCRA regulations at 40 CFR parts 260-273. Recycling is always recommended for scrap metal items.

No lead-based paint was identified in the Project Survey Areas.

4.2.2- Lead Containing Paint:

Paint applications found to contain detectable levels of lead below 1.0 mg/cm2, or less than 0.5 percent by weight, but above laboratory analytical detection/resolution limits, are designated as **Lead Containing Paints**. Based on the paint chip sampling results, the painted coatings listed below were either reported to contain detectible amounts of lead in the paint or were assumed to contain detectible levels of lead in the paint and are identified as **Lead Containing Paint**. These items are regulated by the OSHA Lead in Construction standard (29 CFR 1926.62) and will require contractor compliance with OSHA (Interim Final Lead in Construction Standard 29 CFR 1926.62) which specifies certain worker protection requirements for personnel whose job activities require them to disturb these types of materials with confirmed or potential leaded materials present. These materials will also require proper disposal or recycling in accordance with EPA RCRA regulations at 40 CFR parts 260-273. Recycling is always recommended for scrap metal items. Please refer to Section 8.0: Table 2- *Lead Containing Paint, Lead Containing Materials and Lead* for a listing of lead containing paints identified at this facility via paint chip sampling or assumed to contain lead in paint. **Lead Containing Paint** identified at this facility includes the following items:

a. **Education Building:**
    i. **Painted coatings on Structural Steel beams and columns.**
b. **Visitor Center/Admin Building:**
    i. **Interior metal door frames.**
    ii. **Painted coatings on Structural Steel beams and columns (if present).**

c. Law Building:

i. Exterior door frames (for access to bathrooms and utility closet)

d. Trailer:

i. Exterior metal siding

4.2.3- Lead Containing Materials:

Building materials determined or assumed to contain detectable levels of lead, or that are commonly known to typically contain detectible levels of lead, e.g. such as those commonly known to exist in finishes or glazing on ceramic, glazed block or quarry tiles, are commonly designated as Lead-Containing Materials (LCM). These items are regulated by the OSHA Lead in Construction standard (29 CFR 1926.62) and will require contractor compliance with OSHA (Interim Final Lead in Construction Standard 29 CFR 1926.62) which specifies certain worker protection requirements for personnel whose job activities require them to disturb these types of materials with potential leaded materials present. These materials will also require proper disposal or recycling in accordance with EPA RCRA regulations at 40 CFR parts 260-273. Recycling is always recommended for scrap metal items. Please refer to Section 8.0: Table 2- *Lead Containing Paint, Lead Containing Materials and Lead* for a listing of lead containing materials identified at this facility. Lead containing materials identified via sampling and laboratory analysis or assumed in buildings at this facility include the following items:

a. Education Building:

i. 8” quarry floor tiles.

b. Law Building:

i. Ceramic floor tiles in multiple bathrooms

5.0- MISCELLANEOUS HAZARDOUS MATERIALS

Miscellaneous Hazardous Materials Inventory:

TSE was retained to perform a visual inventory of accessible suspect Miscellaneous Hazardous Materials (MHM) within the identified project areas in order to identify items that may require compliance with current Federal and State regulations pertaining to disturbance, handling, removal, recycling, packaging, and disposal. Our survey consisted of a walk through and visual survey of the impacted areas of the facility to identify suspect hazardous and regulated materials located in accessible areas of the facility scheduled for renovations or demolition within this project. The items identified are those which may contain hazardous and regulated materials. No sampling or analysis was conducted to determine the actual content of the materials evaluated during our assessment.

The scope of the project site work required a visual inventory of other suspect miscellaneous hazardous materials observed at the impacted project site locations which would potentially be disturbed during the demolition project. Those materials typically include: mercury-containing fluorescent light tubes, mercury containing light tubes/bulbs, possible PCB ballasts, Petroleum Products, Fire Suppression System, Batteries, Aerosol Cans, Liquid Containers, Appliances and Chlorofluorocarbons/Ozone Depleting Substances. Observed MHM items in each building are provided in Section 8.0: Table 3 – *Miscellaneous Hazardous Materials*.

6.0- GENERAL RECOMMENDATIONS

It is the general recommendation of TSE Environmental that prior to any demolition, alteration or renovation activities that will disturb the hazardous materials identified within this report, that they be removed and disposed of and/or recycled (where allowable) by a properly qualified and certified/licensed contractor, utilizing appropriately trained and certified personnel. The removal/disposal activities should be performed in accordance with all applicable federal, state, local regulatory requirements.

The Resource Conservation and Recovery Act (RCRA) is a federal statute for safely managing and disposing of waste generated nationwide. RCRA was passed in 1976 as an amendment to the Solid Waste Disposal Act of 1956. Revisions to RCRA were last made in 1984. Based on these regulations, Toxicity Characteristic Leaching Procedure (TCLP) analysis should be conducted on each of the existing building's waste streams. Results of the TCLP waste streams will determine if they can be disposed as normal construction debris or as regulated hazardous waste.

Prior to any work being performed, it is also our opinion that the remediation-demolition contractor should develop detailed written remediation and demolition work plan(s), prepared by individuals who meet the requirements of federal, state and local regulations, e.g., Competent Persons, as applicable. The plan(s) should include, but not be limited to: Accident prevention procedures; activity hazard analysis; emergency contingency procedures; partitioning and isolating the remediation/demolition and connecting areas from other areas of the facility; decontamination facilities; providing a means of egress into and out of the work areas; coordinating the isolation of utilities from affected areas; removal and demolition techniques; identifying waste disposal requirements and disposal/recycling facilities; providing packaging, labels and disposal containers for all regulated and/or hazardous materials as they are removed; and any other special considerations or practices that fall within the guidelines of demolition and/or hazardous material removal.

7.0- PROJECT SPECIFIC REPORT COMMENTS, RECOMMENDATIONS, LIMITATIONS AND EXCLUSIONS

DISCUSSIONS, CONCLUSIONS AND RECOMMENDATIONS

Based on our site observations, suspect material sampling, and laboratory analysis, we offer the following conclusions and recommendations:

A. ASBESTOS-CONTAINING MATERIALS

1. Our limited survey did not identify asbestos containing materials (ACM) in the identified areas of the buildings scheduled for renovation at this facility, or in the Trailer scheduled for demolition.
2. Should the parameters of the project change, and suspect materials are identified that contain asbestos and are determined to be disturbed, current OSHA, EPA-NESHAP, and State of LA regulations require that ACM be removed and disposed of prior to renovation or demolition activities that could disturb the material. EPA-NESHAP and State Regulations also require a notification to be submitted 10 working days prior to any demolition project, regardless of the presence or absence of ACM, or 10 working days prior to the disturbance or removal of ACM. The OSHA Construction Standard and the EPA-NESHAP require that contractors have a "competent person" on site to identify and properly address unreported suspect asbestos that is discovered during renovation or demolition. Current EPA-NESHAP and State regulations require that removed ACM be disposed of in landfills approved to accept asbestos waste and that proper waste manifest documentation be prepared and maintained.
3. Only the building areas scheduled for renovations and the Trailer scheduled for demolition that were reported to TSE as being impacted by this project were included in this limited survey.
4. If any suspect materials not addressed in this survey are encountered during renovation or demolition, samples of these materials should be collected by an EPA AHERA-accredited asbestos building inspector and analyzed by an accredited laboratory to determine asbestos content.
5. The results, findings, conclusions and recommendations expressed in this report are based on conditions observed during the limited survey of the areas of the facility involved with this particular renovation project. The information in this report is relevant to the date(s) on which this limited survey was performed, and may not be reliable pertaining to representative observations or conditions from earlier or later dates.

B. LEAD-CONTAINING PAINT, MATERIALS AND COATINGS

1. Laboratory analysis indicated that detectible levels of lead were present in 3 of the 15 samples of painted coatings that we collected. The paint chip samples were collected from representative finishes observed at each of the buildings scheduled for demolition within this project. In addition, the painted coatings on the Structural Steel columns and beams were assumed to contain detectible levels of lead in the paint.
2. Based on the paint chip sampling results, the following painted coatings were either reported or assumed to contain detectible amounts of lead and are identified as **Lead Containing Paint:**

    a. **Education Building:**
        i. **Painted coatings on Structural Steel beams and columns.**
    b. **Visitor Center/Admin Building:**
        i. **Interior metal door frames.**
        ii. **Painted coatings on Structural Steel beams and columns (if present).**
    c. **Law Building:**
        i. **Exterior door frames (for access to bathrooms and utility closet)**
    d. **Trailer:**
        i. **Exterior metal siding**

3. These items are regulated by the OSHA Lead in Construction standard (29 CFR 1926.62) and will require contractor compliance with OSHA (Interim Final Lead in Construction Standard 29 CFR 1926.62) which specifies certain worker protection requirements for personnel whose job activities require them to disturb these types of materials with potential leaded materials present. These materials will also require proper disposal or recycling in accordance with EPA RCRA regulations at 40 CFR parts 260-273. Recycling is always recommended for scrap metal items.

4. Building materials determined or assumed to contain detectable levels of lead, or that are commonly known to typically contain detectible levels of lead, e.g. such as those commonly known to exist in finishes or glazing on ceramic, glazed block or quarry tiles, are commonly designated as Lead-Containing Materials (LCM). These items are regulated by the OSHA Lead in Construction standard (29 CFR 1926.62) and will require contractor compliance with OSHA (Interim Final Lead in Construction Standard 29 CFR 1926.62) which specifies certain worker protection requirements for personnel whose job activities require them to disturb these types of materials with potential leaded materials present. These materials will also require proper disposal or recycling in accordance with EPA RCRA regulations at 40 CFR parts 260-273. Recycling is always recommended for scrap metal items. Lead containing materials identified via sampling

and laboratory analysis or assumed to contain detectible levels of lead in buildings at this facility include the following items:

a. **Education Building:**
    i. **8" quarry floor tiles.**
b. **Law Building:**
    i. **Ceramic floor tiles in bathrooms**

5. The EPA and Local regulatory entities require proper handling of the debris and waste generated of building materials that are removed as a part of renovation/demolition. The regulatory requirements of EPA and Local regulatory entities related to renovation or demolition activities must be handled through proper handling of waste generated as a result of the renovation or demolition activities, including proper characterization of the waste stream(s) and legal disposal or recycling.
6. Various areas (such as interior of wall chases) were either partially accessible or inaccessible during our survey efforts and may contain hidden or unreported lead-containing materials or lead-containing paints or coatings. If any suspect materials not addressed in this survey are encountered during renovation, samples of suspect materials should be collected and analyzed to determine lead content.
7. TSE recommends that, at a minimum, renovation requirements for the project outline the findings of our survey and require the renovation contractor to comply with applicable OSHA, EPA, and State or Local regulations.

C. MISCELLANEOUS HAZARDOUS MATERIALS

1. TSE recommends that prior to any renovation, demolition, alteration or disturbance, all suspect miscellaneous hazardous materials identified within this report that will be impacted by the upcoming planned renovation or demolition activities be removed for reuse or removed and disposed or recycled (where allowable) by a properly qualified contractor using properly trained and certified personnel. The removal, handling, disposal and recycling shall be in accordance with all applicable Federal, State and Local requirements, including, but not limited to, the EPA Resource Conservation and Recovery Act (RCRA).
2. A listing of the suspect miscellaneous hazardous material items observed in each building are provided in Section 8.0: Table 3 – *Miscellaneous Hazardous Materials*.

SURVEY AND REPORT LIMITATIONS

Existing interior or exterior areas or materials not reported to TSE as impacted or included in this renovation, materials hidden or concealed within wall, utility, duct or piping chases,

materials hidden behind or beneath existing finishes, or items other than those visible during the survey site visit were not included within the parameters of this limited survey. Due to the fact that the facility was occupied and operational at the time of our site visit, destructive activities including selective demolition or penetration of hard ceilings, walls or floors, or looking inside the interior of operational HVAC and heating system components to access hidden or concealed materials, other than the use of existing access doors or hatches, or looking beneath or behind visible existing building finishes, were either extremely limited in nature or were not performed as a function of this limited survey. Penetration or coring of interior/exterior CMU walls or concrete floor slabs to examine for hidden or concealed materials was outside the scope of this limited survey and was not performed

Samples were generally not collected from finishes and/or materials observed in undamaged, intact condition that were not scheduled for disturbance within this project, or from facility areas or materials that were not included within the parameters of this specific renovation project. These finishes and/or materials were inventoried as suspect materials in proximity to areas scheduled for renovation or repair work, as appropriate. Suspect materials observed that could be impacted by the renovations, or were in direct contact with items scheduled for removal or replacement were inventoried and/or sampled as appropriate. Our survey activities for this project were limited to the identified areas and/or building materials of the facilities identified as involved in this specific renovation project. Other areas of the facilities were not included in this survey.

Materials hidden or concealed within wall, utility, duct or piping chases, materials hidden behind or beneath existing finishes, materials located inside functioning or operating mechanical or electrical system components, or items other than those associated with the specific areas identified as included within the parameters of this renovation project and accessible during the survey site visit were generally not included within the parameters of this limited survey.

Damage of existing identified suspect materials to examine for hidden or concealed material behind or beneath existing building components, e.g., gypsum wallboard ceilings or walls which were suspect materials with potential to contain asbestos during the survey, was either performed in a limited manner or was not performed as a function of this limited survey. Radiological, microbial and biological substances were excluded from the parameters of this limited survey as well.

The results, findings, conclusions and recommendations expressed in this report are based on conditions observed during the limited survey of the facility items scheduled to be impacted by this particular demolition project. The information in this report is relevant to the date on

which this limited survey was performed, and may not be reliable pertaining to representative observations or conditions from earlier or later dates.

This report is not meant to be construed as a bidding document. Quantities listed within this report are field or visual estimates or approximations, and are provided for the convenience use of the client only. Contractors or consultants reviewing this report must draw their own conclusions regarding quantities of materials, further investigation or any remediation deemed necessary. TSE does not warrant the work of regulatory agencies, laboratories or other parties supplying information which may have been used in the preparation of this limited survey report. No warranty, express or implied, is made. The information and opinions expressed in this report are given in response to our limited assignment, and should be evaluated and implemented only in light of that assignment.

Facility areas not physically accessible during the site investigation were not inspected and may contain hidden or concealed ACM or Lead Containing Paint or Other Hazardous Materials. The site investigation did not include the inspection or sampling of any materials and/or substances not specifically identified in this report, including—but not necessarily limited to— Legionella; Blood-Borne Pathogens (BBPs), Tuberculosis (TB); Mycotoxins; chemicals, radiological and biological materials; mold/mildew; microorganisms; and pathogens. The inspection, sampling and ultimate removal of these items is the sole responsibility of the facility.

SECTION 8.0

TABLES

TABLE 1

SUSPECT MATERIALS SAMPLED FOR ASBESTOS CONTENT

TABLE 1- SUSPECT MATERIALS SAMPLED FOR ASBESTOS CONTENT

PROJECT NAME/ADDRESS: REPLACE JONES POINT TRAILER, NPS JELA, NEW ORLEANS, LA

BLDG	LOCATION/AREA	SAMPLE #	HA #	MATERIAL DESCRIPTION	RESULTS
EDUCATION	RANGER OFFICE	01	1	FT-1 AND UNDERLAYMENT	NAD
EDUCATION	RANGER OFFICE	02	1	FT-1 AND UNDERLAYMENT	NAD
EDUCATION	RANGER OFFICE	03	1	FT-1 AND UNDERLAYMENT	NAD
EDUCATION	STORAGE	04	2	GYPSUM WALLBOARD AND JOINT COMPOUND	NAD
EDUCATION	STORAGE	05	2	GYPSUM WALLBOARD AND JOINT COMPOUND	NAD
EDUCATION	MULTIPURPOSE RM	06	2	GYPSUM WALLBOARD AND JOINT COMPOUND	NAD
EDUCATION	MECH AREA ABOVE STORAGE	07	3	WHITE DUCT TAPE AT SEAMS ON METAL HVAC DUCT	NAD
EDUCATION	MECH AREA ABOVE STORAGE	08	3	WHITE DUCT TAPE AT SEAMS ON METAL HVAC DUCT	NAD
EDUCATION	MECH AREA ABOVE STORAGE	09	3	WHITE DUCT TAPE AT SEAMS ON METAL HVAC DUCT	NAD
EDUCATION	WORKSHOP	10	4	WHITE SINK UNDER COATING	NAD
EDUCATION	WORKSHOP	11	4	WHITE SINK UNDER COATING	NAD
EDUCATION	WORKSHOP	12	4	WHITE SINK UNDER COATING	NAD
EDUCATION	WORKSHOP	13	5	COUNTERTOP AT SINKS	NAD
EDUCATION	WORKSHOP	14	5	COUNTERTOP AT SINKS	NAD
EDUCATION	WORKSHOP	15	5	COUNTERTOP AT SINKS	NAD

TABLE ABBREVIATIONS

NAD= NO ASBESTOS DETECTED

TABLE 1- SUSPECT MATERIALS SAMPLED FOR ASBESTOS CONTENT

PROJECT NAME/ADDRESS: REPLACE JONES POINT TRAILER, NPS JELA, NEW ORLEANS, LA

BLDG	LOCATION/AREA	SAMPLE #	HA #	MATERIAL DESCRIPTION	RESULTS
EDUCATION	KITCHEN	16	6	8” QUARRY TILE- GROUT AND ADHESIVE	NAD
EDUCATION	KITCHEN	17	6	8” QUARRY TILE- GROUT AND ADHESIVE	NAD
EDUCATION	KITCHEN	18	6	8” QUARRY TILE- GROUT AND ADHESIVE	NAD
EDUCATION	MULTIPURPOSE RM	19	7	GREY EPOXY FLOORING AND UNDERLAYMENT	NAD
EDUCATION	MULTIPURPOSE RM	20	7	GREY EPOXY FLOORING AND UNDERLAYMENT	NAD
EDUCATION	MULTIPURPOSE RM	21	7	GREY EPOXY FLOORING AND UNDERLAYMENT	NAD
EDUCATION	MMR UPSTAIRS	22	8	WHITE MASTIC ON END CONNECTOR FG CHWS/R PIPING	NAD
EDUCATION	MMR UPSTAIRS	23	8	WHITE MASTIC ON END CONNECTOR FG CHWS/R PIPING	NAD
EDUCATION	MMR UPSTAIRS	24	8	WHITE MASTIC ON END CONNECTOR FG CHWS/R PIPING	NAD
EDUCATION	WORKSHOP	25	2	GYPSUM WALLBOARD AND JOINT COMPOUND	NAD
VC/ADMIN	EXT ELEC RM	26	9	FT-3 AND ADHESIVE	NAD
VC/ADMIN	EXT MECH RM	27	9	FT-3 AND ADHESIVE	NAD
VC/ADMIN	EXT MECH RM	28	9	FT-3 AND ADHESIVE	NAD
VC/ADMIN	EXT MECH RM	29	10	WHITE DUCT TAPE AT SEAMS ON METAL HVAC DUCT	NAD
VC/ADMIN	EXT MECH RM	30	10	WHITE DUCT TAPE AT SEAMS ON METAL HVAC DUCT	NAD

TABLE ABBREVIATIONS

NAD= NO ASBESTOS DETECTED

TABLE 1- SUSPECT MATERIALS SAMPLED FOR ASBESTOS CONTENT

PROJECT NAME/ADDRESS: REPLACE JONES POINT TRAILER, NPS JELA, NEW ORLEANS, LA

BLDG	LOCATION/AREA	SAMPLE #	HA #	MATERIAL DESCRIPTION	RESULTS
VC/ADMIN	EXT MECH RM	31	10	WHITE DUCT TAPE AT SEAMS ON METAL HVAC DUCT	NAD
VC/ADMIN	EXT MECH RM	32	11	GREY MASTIC AT SEAMS METAL HVAC DUCT	NAD
VC/ADMIN	EXT MECH RM	33	11	GREY MASTIC AT SEAMS METAL HVAC DUCT	NAD
VC/ADMIN	EXT MECH RM	34	11	GREY MASTIC AT SEAMS METAL HVAC DUCT	NAD
VC/ADMIN	MOVIE THEATER	35	12	GREY EPOXY FLOORING AND UNDERLAYMENT	NAD
VC/ADMIN	OFFICE	36	12	GREY EPOXY FLOORING AND UNDERLAYMENT	NAD
VC/ADMIN	LOBBY AT STORAGE	37	12	GREY EPOXY FLOORING AND UNDERLAYMENT	NAD
VC/ADMIN	EXT MECH RM	38	13	GYPSUM WALLBOARD AND JOINT COMPOUND	NAD
VC/ADMIN	INT TOILET	39	13	GYPSUM WALLBOARD AND JOINT COMPOUND	NAD
VC/ADMIN	STORAGE	40	13	GYPSUM WALLBOARD AND JOINT COMPOUND	NAD
VC/ADMIN	STORAGE	41	14	FT-2 AND ADHESIVE	NAD
VC/ADMIN	INT TOILET	42	14	FT-2 AND ADHESIVE	NAD
VC/ADMIN	STORAGE	43	14	FT-2 AND ADHESIVE	NAD
VC/ADMIN	STORAGE	44	15	COVE BASE AND ADHESIVE	NAD
VC/ADMIN	STORAGE	45	15	COVE BASE AND ADHESIVE	NAD

TABLE ABBREVIATIONS

NAD= NO ASBESTOS DETECTED

TABLE 1- SUSPECT MATERIALS SAMPLED FOR ASBESTOS CONTENT

PROJECT NAME/ADDRESS: REPLACE JONES POINT TRAILER, NPS JELA, NEW ORLEANS, LA

BLDG	LOCATION/AREA	SAMPLE #	HA #	MATERIAL DESCRIPTION	RESULTS
VC/ADMIN	STORAGE	46	15	COVEBASE AND ADHESIVE	NAD
LAW	MEN TLT	47	16	STIPPLE FINISH ON GWB WALLS	NAD
LAW	UNISEX TLT	48	16	STIPPLE FINISH ON GWB WALLS	NAD
LAW	WOMEN TLT	49	16	STIPPLE FINISH ON GWB WALLS	NAD
LAW	MEN TLT	50	17	CER TILE FLOOR- GROUT, MORTAR AND ADHESIVE	NAD
LAW	MEN TLT	51	17	CER TILE FLOOR- GROUT, MORTAR AND ADHESIVE	NAD
LAW	MEN TLT	52	17	CER TILE FLOOR- GROUT, MORTAR AND ADHESIVE	NAD
LAW	UTILITY CLOSET	53	18	FT-3 AND ADHESIVE	NAD
LAW	UTILITY CLOSET	54	18	FT-3 AND ADHESIVE	NAD
LAW	UTILITY CLOSET	55	18	FT-3 AND ADHESIVE	NAD
LAW	UTILITY CLOSET	56	19	GYPSUM WALLBOARD AND JOINT COMPOUND	NAD
LAW	MEN TLT	57	19	GYPSUM WALLBOARD AND JOINT COMPOUND	NAD
LAW	UTILITY CLOSET	58	19	GYPSUM WALLBOARD AND JOINT COMPOUND	NAD
TRAILER	ROOF	59	20	SHINGLES AND FELT	NAD
TRAILER	ROOF	60	20	SHINGLES AND FELT	NAD

TABLE ABBREVIATIONS

NAD= NO ASBESTOS DETECTED

TABLE 1- SUSPECT MATERIALS SAMPLED FOR ASBESTOS CONTENT

PROJECT NAME/ADDRESS: REPLACE JONES POINT TRAILER, NPS JELA, NEW ORLEANS, LA

BLDG	LOCATION/AREA	SAMPLE #	HA #	MATERIAL DESCRIPTION	RESULTS
TRAILER	ROOF	61	20	SHINGLES AND FELT	NAD
TRAILER	ROOM 6	62	21	FT-4 AND YELLOW ADHESIVE	NAD
TRAILER	ROOM 6	63	21	FT-4 AND YELLOW ADHESIVE	NAD
TRAILER	ROOM 6	64	21	FT-4 AND YELLOW ADHESIVE	NAD
TRAILER	ROOM 2	65	22	GYPSUM WALLBOARD WALLS (NO JC OBSERVED)	NAD
TRAILER	ROOM 6	66	22	GYPSUM WALLBOARD WALLS (NO JC OBSERVED)	NAD
TRAILER	ROOM 4	67	22	GYPSUM WALLBOARD WALLS (NO JC OBSERVED)	NAD
TRAILER	ROOM 6	68	23	STIPPLE FINISH ON GWB CEILNGS	NAD
TRAILER	ROOM 6	69	23	STIPPLE FINISH ON GWB CEILNGS	NAD
TRAILER	ROOM 6	70	23	STIPPLE FINISH ON GWB CEILNGS	NAD
TRAILER	ROOM 2	71	23	STIPPLE FINISH ON GWB CEILNGS	NAD
TRAILER	ROOM 2	72	23	STIPPLE FINISH ON GWB CEILNGS	NAD
TRAILER	ROOM 6	73	24	CAULK AT CENTER CONNECTOR AT CEILING	NAD
TRAILER	ROOM 6	74	24	CAULK AT CENTER CONNECTOR AT CEILING	NAD
TRAILER	ROOM 6	75	24	CAULK AT CENTER CONNECTOR AT CEILING	NAD

TABLE ABBREVIATIONS

NAD= NO ASBESTOS DETECTED

TABLE 1- SUSPECT MATERIALS SAMPLED FOR ASBESTOS CONTENT

PROJECT NAME/ADDRESS: REPLACE JONES POINT TRAILER, NPS JELA, NEW ORLEANS, LA

BLDG	LOCATION/AREA	SAMPLE #	HA #	MATERIAL DESCRIPTION	RESULTS
TRAILER	EXTERIOR	76	25	DF TO WALL CAULK	NAD
TRAILER	EXTERIOR	77	25	DF TO WALL CAULK	NAD
TRAILER	EXTERIOR	78	25	DF TO WALL CAULK	NAD
TRAILER	UNDERNEATH	79	26	BLACK TAR-TYPE COATING ON STEEL FRAME SUPPORT	NAD
TRAILER	UNDERNEATH	80	26	BLACK TAR-TYPE COATING ON STEEL FRAME SUPPORT	NAD
TRAILER	UNDERNEATH	81	26	BLACK TAR-TYPE COATING ON STEEL FRAME SUPPORT	NAD
TRAILER	ROOM 2	82	27	CARPET ADHESIVE- YELLOW	NAD
TRAILER	ROOM 2	83	27	CARPET ADHESIVE- YELLOW	NAD
TRAILER	ROOM 2	84	27	CARPET ADHESIVE- YELLOW	NAD
TRAILER	ROOM 2	85	28	COVE BASE AND ADHESIVE	NAD
TRAILER	ROOM 2	86	28	COVE BASE AND ADHESIVE	NAD
TRAILER	ROOM 2	87	28	COVE BASE AND ADHESIVE	NAD
EDUCATION	OBSERVATION AREA	88	29	RUBBER STEP TREAD AND ADHESIVE	NAD
EDUCATION	OBSERVATION AREA	89	29	RUBBER STEP TREAD AND ADHESIVE	NAD
EDUCATION	OBSERVATION AREA	90	29	RUBBER STEP TREAD AND ADHESIVE	NAD

TABLE ABBREVIATIONS

NAD= NO ASBESTOS DETECTED

TABLE 2

LEAD CONTAINING PAINT AND LEAD CONTAINING MATERIALS

TABLE 2- LEAD CONTAINING PAINT, LEAD CONTAINING MATERIALS, LEAD

TABLE ABBREVIATIONS:

NA-Not Available
BDL-Below Detection Limits
NS- Not Sampled
LBP- Lead Based Paint
LCP- Lead Containing Paint
LCM- Lead Containing Materials
EXT- Exterior
INT-Interior
ML- Misc Lead Items
Materials with Lead Content above Detection Limit are in Bold Print
BDL- Below Detection Limit

SAMPLE #	BUILDING AND SAMPLE LOCATION	COLOR	COMPONENT DESCRIPTION	RESULT- % BY WEIGHT or PPM	LCP OR LCM DESIGNATION
L-1	Education- Storage Rm	White	Gypsum Wallboard	<0.008	BDL
L-2	Education- Ranger Office	Green	Epoxy Flooring	<0.008	BDL
L-3	Education- Storage Rm	Greyish Brown	Wood Door/Door Frame	<0.008	BDL
L-4	Education- Kitchen	Tan	Gypsum Wallboard	<0.008	BDL
L-5	VC/Admin- Storage Closet	White	Gypsum Wallboard	<0.008	BDL
L-6	**VC/Admin- Int Toilet**	**Dark Brown**	**Metal Door Frame**	**0.046 (460 PPM)**	**LCP**
L-7	VC/Admin- Int Toilet	Beige	Wallpaper	<0.008	BDL
L-8	Law- Entry Door to Toilets	Green	Wood/Metal Door	<0.008	BDL
L-9	**Law- Entry Door to Toilets**	**Black**	**Door Frame**	**0.008 (80 PPM)**	**LCP**
L-10	Law- Utility Closet	White	Gypsum Wallboard	<0.008	BDL
L-11	Law- Ext at Toilets	Light Grey	Wood Siding	<0.008	BDL
L-12	Trailer- Int at Room 4	White	Gypsum Wallboard	<0.008	BDL
L-13	**Trailer- Exterior**	**Cream**	**Metal Siding**	**0.067 (670 PPM)**	**LCP**
L-14	Trailer- Exterior	Green	Metal Fascia/Trim/Door/Door Frame	<0.34	BDL
L-15	Education- Library	Cream	Int Windows and Metal Support Post	<0.008	BDL
L-16	Education- Int/Ext	Light Grey	Int/Ext Wood Siding	<0.008	BDL
None- NS	**Education- Throughout**	**Red**	**Coating on Structural Steel**	**ASSUMED**	**LCP**
None- NS	**Education- Kitchen**	**Tan**	**8" Quarry Tile Flooring**	**ASSUMED**	**LCM**
None- NS	**Law- Bathrooms**	**Green/White/Grey**	**Ceramic Tile Flooring**	**ASSUMED**	**LCM**

Items identified as Lead Containing Paint or Lead Containing Materials are identified in BOLD print

TABLE 3

MISCELLANEOUS HAZARDOUS MATERIALS

TABLE 3- MISCELLANEOUS HAZARDOUS MATERIALS- EDUCATION BUILDING

PCB-Polychlorinated Biphenyls *BT-Batteries* *MER- Mercury* *PP- Petroleum Products*
CFC/ODS-Chlorofluorocarbons/ Ozone Depleting Substance *LLR- Low Level Radiation Device* *Int- Interior*
RCRA- Resource Conservation and Recovery Act *BDL- Below Detection Limits* *Ext-Exterior*

MHM ID	ITEM DESCRIPTION	QUANTITY	UoM	LOCATIONS
PCB	Fluorescent Light Ballasts	7	EA	Kitchen, Mech Space above Storage,
MER	Fluorescent Light Tubes- 4’	20	EA	Kitchen, Mech Space above Storage,
CFC/ODS	Carrier AHUs and Exterior Condenser Units	2	EA	Mech Space above Storage and Main Mech Room.
CFC/ODS	Mini-Split A/C and Exterior Condenser Unit	1	EA	Ranger Office
CFC/ODS	Ansul Fire Suppression System	1	EA	Kitchen
CFC/ODS	Water Fountain	1	EA	Interior Unconditioned Area near Workshop
CFC/ODS	Fire Extinguishers	4	EA	Multi-Purpose Rm, Ranger Office
BT	Exit Signs	3	EA	Multi-Purpose Rm

NOTE: Appliances, chemicals and other items that will be removed by facility personnel prior to demolition were not inventoried

TABLE 3- MISCELLANEOUS HAZARDOUS MATERIALS- VC/ADMIN BUILDING

PCB-Polychlorinated Biphenyls *BT-Batteries* *MER- Mercury* *PP- Petroleum Products*
CFC/ODS-Chlorofluorocarbons/ Ozone Depleting Substance *LLR- Low Level Radiation Device* *Int- Interior*
RCRA- Resource Conservation and Recovery Act *BDL- Below Detection Limits* *Ext-Exterior*

MHM ID	ITEM DESCRIPTION	QUANTITY	UoM	LOCATIONS
PCB	Fluorescent Light Ballasts	23	EA	Throughout Interior
MER	Fluorescent Light Tubes- 4’	46	EA	Throughout Interior
MER	CFL Bulb	1	EA	Ext Mechanical Room
CFC/ODS	Daikin AHUs and Exterior Condenser Units	2	EA	Main Mech Room.
CFC/ODS	Ultra Air Mini-Split A/C and Exterior Condenser Units	2	EA	Main Mech Room
BT	Exit Signs	5	EA	Lobby, Movie Theater, Exhibits Area
BT	Emergency Lights	4	EA	Lobby, Movie Theater

NOTE: Appliances, chemicals and other items that will be removed by facility personnel prior to demolition were not inventoried

TABLE 3- MISCELLANEOUS HAZARDOUS MATERIALS- LAW BUILDING

PCB-Polychlorinated Biphenyls *BT-Battery s* *MER- Mercury* *PP- Petroleum Products*
CFC/ODS-Chlorofluorocarbons/ Ozone Depleting Substance *LLR- Low Level Radiation Device* *Int- Interior*
RCRA- Resource Conservation and Recovery Act *BDL- Below Detection Limits* *Ext-Exterior*

MHM ID	ITEM DESCRIPTION	QUANTITY	UoM	LOCATIONS
CFC/ODS	Carrier AHU and Exterior Condenser Unit	1	EA	Utility Closet
CFC/ODS	Elkay Water Fountains	2	EA	Exterior near Access Door to Utility Closet

NOTE: Appliances, chemicals and other items that will be removed by facility personnel prior to demolition were not inventoried

TABLE 3- MISCELLANEOUS HAZARDOUS MATERIALS- TRAILER

PCB-Polychlorinated Biphenyls *BT-Batteries* *MER- Mercury* *PP- Petroleum Products*
CFC/ODS-Chlorofluorocarbons/ Ozone Depleting Substance *LLR- Low Level Radiation Device* *Int- Interior*
RCRA- Resource Conservation and Recovery Act *BDL- Below Detection Limits* *Ext-Exterior*

MHM ID	ITEM DESCRIPTION	QUANTITY	UoM	LOCATIONS
PCB	Fluorescent Light Ballasts in Fluorescent Fixtures	18	EA	Throughout
MER	Fluorescent Light Tubes- 4’	36	EA	Throughout
MER	CFL Bulb	1	EA	Bathroom
CFC/ODS	Wall Mounted Self-Contained Package A/C/Heat HVAC Units	2	EA	West Side of Building- Ext
CFC/ODS	Beco Fire Extinguishers	2	EA	Kitchen, LR
BT	Exit Sign and Emergency Lights	2	EA	Interior
MISC ITEMS	Old Rubber Tires possibly present underneath Trailer	12	EA	Underneath

NOTE: Appliances, chemicals and other items that will be removed by facility personnel prior to demolition were not inventoried.

TABLE 4

JONES POINT TRAILER AREA SITE OBSERVATIONS

TABLE 4- JONES POINT SITE

PLAN CODE	NAME	STRUCTURES	SITE VISIT COMMENTS	PARK PREP	ACTION	NEW LOCATION
A	Trailer		Pre-Demo Inspection	Pack Contents	Demolish	
B	Trailer Stoops and Steps		Pre-Demo Inspection		Demolish	
C	Trailer Foundation		Pre-Demo Inspection		Demolish	
D	Trailer Mound		N/A		Grade or Leave in Place	
N	Utilities Water		PVC		Cap	
O		Underground Water Lines	PVC		Remove	
M		RV Connections	Metal Conduit and Electrical Wiring		Remove	
	Utilties Septic					
G		Molded Septic Storage Tank	Tank was Fiberglass. Should be pumped out by septic services company and waste disposed properly		Remove and Demolish	
P		Alarm Pedestal	Metal U-Strut, PVC and Plastic		Remove and Demolish	
Q		Lift Station	Metal U-Strut, PVC and Plastic		Remove and Demolish	
R		Ground Pipes, Vents	PVC		Remove and Demolish	
S		Sewage/Haz Waste	Should be pumped out by septic services company and waste disposed properly		Remediate if Required	
	Utilities Electric				Cap	
W		Trailer Electrical Panels/Disconnects	Standard Metal Box with Electrical Wiring		Remove	
U		Electrical Pole w/Light	Remove Cameras. Pole to remain		Leave Pole/Keep Cameras	
V		Underground Electrical Lines	Metal Boxes and Electrical Wiring		Remove	
M		RV Connections	Metal U-Strut, PVC and Plastic		Remove	
E	Fence and Gate		Metal		Remove	
F	Gravel Drive		N/A		Remove	
H	Fuel Storage Building		Park to Relocate	Pack Contents	Relocate	Service Area
J	Pesticide Storage Building		Park to Relocate	Pack Contents	Relocate	Service Area
K	Conex- Trap Storage		To Be Sold	Pack Contents	Sell	Contents to Service Area
L	Conex- Other Storage		To Be Sold	Pack Contents	Sell	Contents to Service Area

SECTION 9.0

REPRESENTATIVE PROJECT PHOTOGRAPHS

SECTION 9.1

SUSPECT MATERIALS SAMPLED FOR ASBESTOS CONTENT

Photograph #1	**Photograph #2**
	
• Grey epoxy type flooring and underlayment. Samples of these materials were reported as "no asbestos detected" by the accredited laboratory. • Photo location was in Lobby area.	• Gypsum wallboard with white paint. GWB reported as "no asbestos detected" by the accredited laboratory. • White paint was not reported to contain lead above laboratory detection limit. • Photo location was in Lobby.

Photograph #3	**Photograph #4**
	
• FT-2: Beige pebble pattern sheet vinyl flooring (SVF) and adhesive. Samples of these materials were reported as "no asbestos detected" by the accredited laboratory. • Photo location was in Interior Toilet area at Office.	• FT-3: Brown pebble pattern sheet vinyl flooring (SVF) and adhesive. Samples of these materials were reported as "no asbestos detected" by the accredited laboratory. • Photo location was in exterior access Electrical Room.

Photograph #5	**Photograph #6**
	
• White tape at seams on exterior of metal HVAC ductwork. Samples were reported as "no asbestos detected" by the accredited laboratory. • Photo location was in exterior access mechanical area.	• Grey mastic at seams on exterior of metal HVAC ductwork. Samples were reported as "no asbestos detected" by the accredited laboratory. • Photo location was in exterior access mechanical area.

Photograph #1



- FT-1: mint green epoxy type flooring and underlayment. Samples reported as “no asbestos detected” and no detectible level of lead by the accredited laboratory.
- Photo location was in Ranger Office area.

Photograph #2



- Gypsum wallboard with white paint. GWB and joint compound reported as “no asbestos detected” by the accredited laboratory.
- White paint was not reported to contain lead above laboratory detection limit.
- Photo location was in Ranger Office area.

Photograph #3



- White tape at seams on exterior of metal HVAC ductwork. Samples were reported as “no asbestos detected” by the accredited laboratory.
- Photo location was in mechanical area above Storage room adjacent to Ranger Office.

Photograph #4

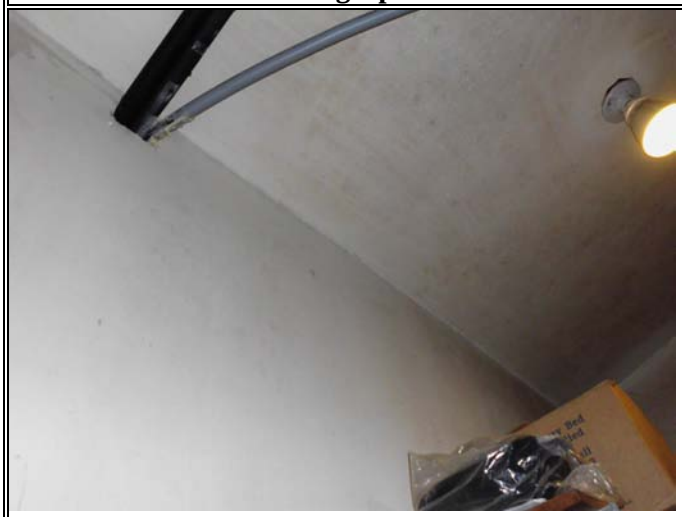


- 8” Quarry tile flooring, grout and adhesive. Samples of these materials were reported as “no asbestos detected” by the accredited laboratory.
- Photo location was in Kitchen area.

Photograph #5	**Photograph #6**
	
• Grey epoxy type flooring and underlayment. Samples reported as “no asbestos detected” by the accredited laboratory. • Photo location was in Multipurpose Room area.	• White mastic on ends and connectors of FG and rubber insulated piping sampled and reported as “no asbestos detected” by the accredited laboratory. • Photo location was in Mezzanine Mechanical Room adjacent to Multipurpose Room entry.

Photograph #7	**Photograph #8**
	
• White sink undercoating on metal sinks sampled and reported as “no asbestos detected” by the accredited laboratory. • Photo location was Workroom.	• Countertop at sinks. Samples of these materials were reported as “no asbestos detected” by the accredited laboratory. • Photo location was in Workroom.

Photograph #1	**Photograph #2**
	
• Ceramic tile floor, grout, mortar and adhesive. Samples of these materials were reported as “no asbestos detected” by the accredited laboratory. • Photo location was in Mens Restroom.	• Stipple finish on Gypsum wallboard. Stipple finish was reported as “no asbestos detected” by the accredited laboratory. • Photo location was in Mens Restroom.

Photograph #3	**Photograph #4**
	
• Gypsum wallboard and joint compound- walls and ceilings. Samples of these materials were reported as “no asbestos detected” by the accredited laboratory. • Photo location was in exterior access Utility Closet.	• FT-3: Brown pebble pattern sheet vinyl flooring (SVF) and adhesive. Samples of these materials were reported as “no asbestos detected” by the accredited laboratory. • Photo location was in exterior access Utility Closet.

Photograph #1	**Photograph #2**
	
• Stipple finish on gypsum wallboard ceilings. Samples reported as "no asbestos detected" by the accredited laboratory. • Photo location was in Room 6 (large central room).	• Gypsum wallboard with white paint. GWB reported as "no asbestos detected" by the accredited laboratory. No joint compound was observed. • White paint was not reported to contain lead above laboratory detection limit. • Photo location was in Room 6.

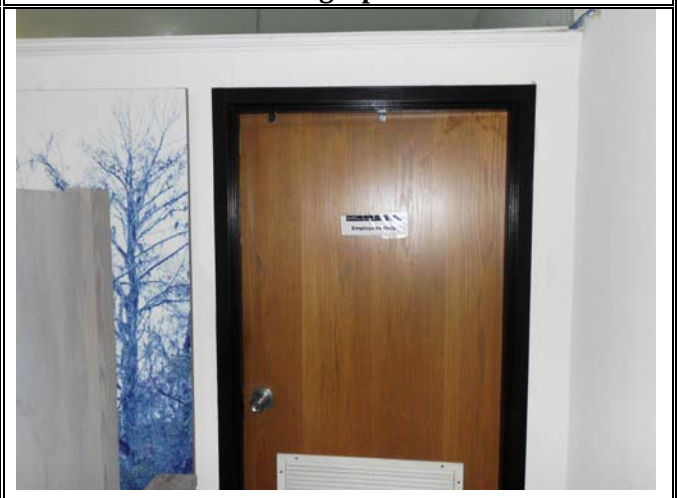
Photograph #3	**Photograph #4**
	
• FT-4: 12" x 12" off white with light grey "splatter" pattern floor tile and adhesive. Samples of these materials were reported as "no asbestos detected" by the accredited laboratory. • Photo location was in Room 6.	• Samples of yellow carpet adhesive were reported as "no asbestos detected" by the accredited laboratory. • Samples of cove base and adhesive were reported as "no asbestos detected" by the accredited laboratory. • Photo location was in Room 2.

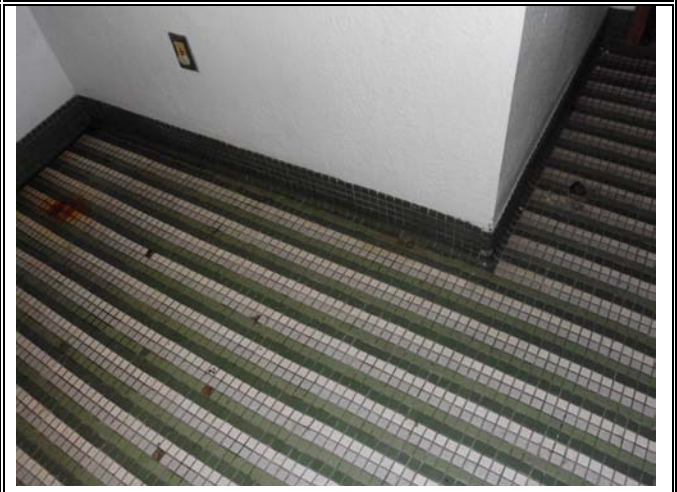
Photograph #5	**Photograph #6**
	
• Caulk at connector at ceiling in center of room. Samples of this material were reported as “no asbestos detected” by the accredited laboratory. • Photo location was in Room 6.	• Roofing shingles and felt on plywood deck sampled and reported as “no asbestos detected” by the accredited laboratory. • Photo location was at roof.

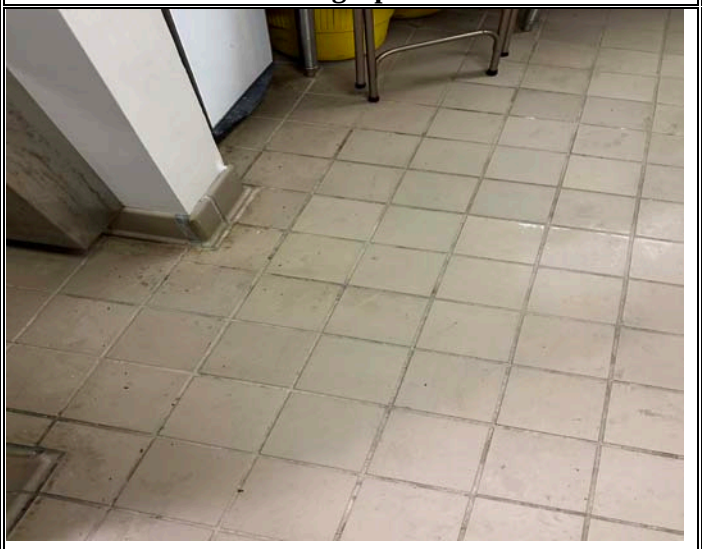
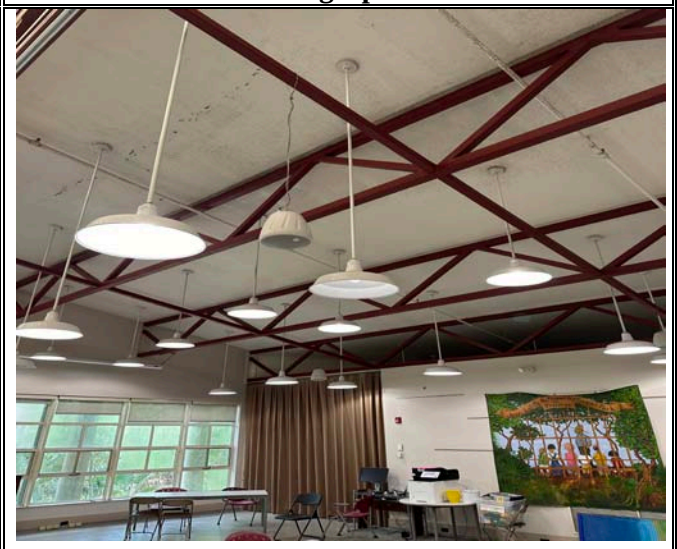
Photograph #7	**Photograph #8**
	
• Black tar-type coating on steel frame support underneath trailer. Samples of this material were reported as “no asbestos detected” by the accredited laboratory. • Photo location was underneath trailer.	• Exterior door frame to wall caulk. Samples of the caulking were reported as “no asbestos detected” by the accredited laboratory. • Photo location was at exterior of entry door.

SECTION 9.2

IDENTIFIED LEAD CONTAINING PAINT AND LEAD CONTAINING MATERIALS

Photograph #1	**Photograph #2**
	
• Cream coating on exterior metal siding reported to contain lead above laboratory analytical method detection limit- 670 PPM. • Photo location was at Jones Point Trailer exterior.	• Dark Brown coating interior metal door frame. Samples of the coating were reported to contain lead above the laboratory analytical method detection limit- 460 PPM. • Photo location was in the VC/Admin Bldg at the Office area.

Photograph #3	**Photograph #4**
	
• Black coating on exterior metal door frame reported to contain lead above laboratory analytical method detection limit- 80 PPM. • Photo location was at Law Bldg at exterior entry doors to Bathrooms.	• Ceramic tile flooring in Bathrooms was assumed to contain lead above the laboratory analytical method detection limit in the glazing. • Photo location was in the Law Bldg in the Men's Bathroom.

Photograph #5	**Photograph #6**
	
• Glazing on 8” Quarry Tile flooring was assumed to contain lead above laboratory analytical method detection limit. • Photo location was at Education Bldg in the Kitchen.	• Red coating on Structural Steel was assumed to contain lead above the laboratory analytical method detection limit. • Photo location was in the Education Bldg in the MultiPurpose area.

SECTION 9.3

MISCELLANEOUS HAZARDOUS MATERIALS

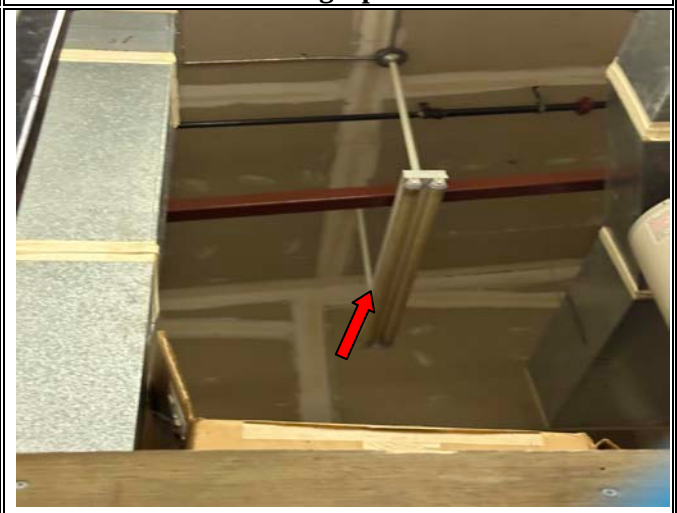
Photograph #1	Photograph #2
	
• Miscellaneous Hazardous Materials (MHM): Daikin exterior condenser units with potential to contain Freon, an Ozone Depleting Substance (ODS). • Photo location was at rear of VC/Admin Bldg on deck.	• Miscellaneous Hazardous Materials (MHM): UltraAir mini-split exterior condenser units with potential to contain Freon, an Ozone Depleting Substance (ODS). • Photo location was at rear of VC/Admin Bldg on deck.

Photograph #3	Photograph #4
	
• MHM:- fluorescent light fixtures with bulb in exterior light fixture. Fluorescent Bulbs contain mercury and ballasts possibly contain PCBs. • Photo location was in Office area.	• MHM:- fluorescent light fixtures with bulb in exterior light fixture. Fluorescent Bulbs contain mercury and ballasts possibly contain PCBs. • Photo location was in Movie Theater.

Photograph #5	**Photograph #6**
	
• MHM- Mercury containing CFL bulb in light fixture. • Photo location was in the Exterior Mechanical Room.	• MHM- exit light with potential lead acid battery. • Photo location was in the Movie Theater.

Photograph #7	
	
• MHM- emergency exit light with potential lead acid battery. • Photo location was in the Movie Theater.	

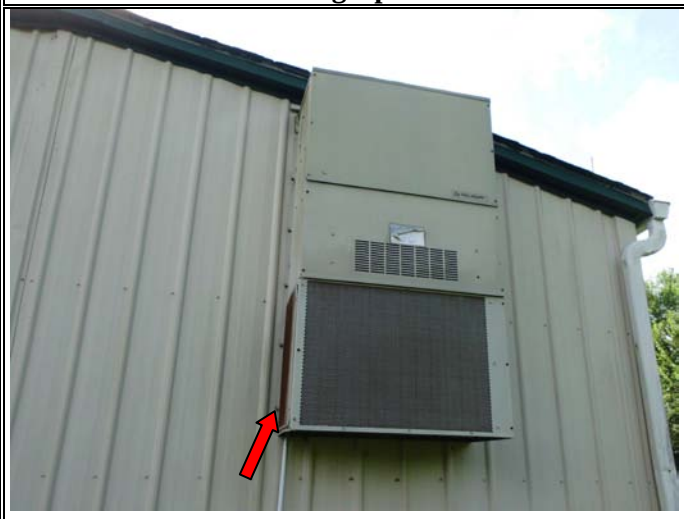
Photograph #1	Photograph #2
	
• Miscellaneous Hazardous Materials (MHM): Carrier AHU with exterior condenser units with potential to contain Freon, an Ozone Depleting Substance (ODS). • Photo location was in Mechanical Space above Storage area.	• Miscellaneous Hazardous Materials (MHM): Mini-split with exterior condenser units with potential to contain Freon, an Ozone Depleting Substance (ODS). • Photo location in Ranger Office.

Photograph #3	Photograph #4
	
• MHM:- fluorescent light fixtures with mercury containing bulbs. Fluorescent Bulbs contain mercury and ballasts possibly contain PCBs. • Photo location was in Kitchen area.	• MHM:- fluorescent light fixtures with mercury containing bulbs. Fluorescent Bulbs contain mercury and ballasts possibly contain PCBs. • Photo location was in Mechanical space above Storage area.

Photograph #5	**Photograph #6**
	
• MHM- Ansul Fire Suppression system label. • Photo location was in the Kitchen above oven.	• MHM- exit light with potential lead acid battery. • Photo location was in the Multi-Purpose area.

Photograph #7	
	
• Miscellaneous Hazardous Materials (MHM): Water fountains with potential to contain Freon, an Ozone Depleting Substance (ODS). • Photo location was in interior unconditioned area near Workshop.	

Photograph #1	**Photograph #2**
	
• Miscellaneous Hazardous Materials (MHM): Elkay water fountains with potential to contain Freon, an Ozone Depleting Substance (ODS). • Photo location was at exterior near entry to bathrooms.	• Miscellaneous Hazardous Materials (MHM): AHU with exterior condenser unit with potential to contain Freon, an Ozone Depleting Substance (ODS). • Photo location was in Utility Closet between bathrooms. • AHU is not scheduled for disturbance.

Photograph #1	**Photograph #2**
	
• Miscellaneous Hazardous Materials (MHM): Exterior wall mounted self-contained packaged AC and Heat unit with potential to contain Freon, an Ozone Depleting Substance (ODS). • Photo location was on exterior west elevation of Trailer.	• MHM- 2’ x 4’- 2 bulb fluorescent light fixture with mercury containing bulbs and possible PCB lighting ballasts. • Photo location was in interior room of Trailer.

Photograph #3	
	
• MHM:- Exit/Emergency Light. Potential to contain lead acid or lithium battery. • Photo location was in large interior room in middle of building..	

SECTION 9.4

JONES POINT SITE PHOTOS AND SITE PLAN WITH CODES

Photograph #1	**Photograph #2**
	
• Underground water piping and Electrical boxes. • Plan codes- O and V.	• RV Connections. • Plan code- M.

Photograph #3	**Photograph #4**
	
• Molded septic storage tank and ground pipes/vent. • Plan codes- G, S and R.	• Septic Alarm Pedestal. • Plan code- P.

Photograph #5	**Photograph #6**
	
• Lift Station. • Plan code- Q.	• RV Sewage connection. • Plan code- T.

Photograph #7	**Photograph #8**
	
• Main electrical panel. • Plan code- W.	• Fence and gate. • Plan codes- E1 and E2.

Photograph #9	**Photograph #10**
	
• Pesticide storage container to be relocated. • Plan code- J.	• Other storage container scheduled to be sold. • Plan code- L.

Photograph #11	**Photograph #12**
	
• Fuel storage container to be relocated. • Plan code- H.	• Trap storage container scheduled to be sold. • Plan code- K.



JONES POINT - SD PREFERRED ALTERNATIVE

SITE (BASELINE)

- A — TRAILER (DEMO)
- B — TRAILER STEPS AND STOOP (DEMO)
- C — TRAILER FOUNDATION (DEMO)
- D — TRAILER MOUND (GRADE)
- G — SEPTIC STORAGE TANK (DEMO)
- H — FUEL STOR. - 10X10 (RELOCATE)
- J — PEST. STORAGE - 6X8 (RELOCATE)
- K — TRAP STORAGE - 8X20 (SELL)
- L — OTHER STORAGE - 8X40 (SELL)
- M — RV PEDESTAL (DEMO)
- N — TRAILER WATER (DEMO)
- O — U/G WATER PIPING (DEMO/REMOVE)
- P — SEPTIC ALARM PED. (DEMO)
- Q — LIFT STATION (DEMO)
- R — GROUND PIPES/VENTS (DEMO)
- S — HAZ. WASTE (REMOVE / REMEDIATE)
- T — RV SEWAGE CONNECTION (DEMO)
- V — U/G ELECTRICAL (DEMO/REMOVE)
- W — MAIN ELEC. PANEL (DEMO/REMOVE)

RECLAMATION (OPTION)

- E1 — FENCE (PH.1 DEMO)
- E2 — FENCE AND GATES (PH.2 DEMO)
- F1 — GRAVEL REMOVAL (RELOCATE TO F2)
- F2 — GRAVEL (NEW LOCATION)
- U — POWER POLE + LIGHT (KEEP + CAP)

*SEE FOLLOWING PAGE FOR SCOPE OF WORK.

SECTION 9.5

MAINTENANCE SHED HOIST BEAM

Photograph #1	**Photograph #2**
	
• Galvanized hoist beam scheduled for demolition. • Photo location was at Maintenance Shed.	• Galvanized hoist beam scheduled for demolition. • Photo location was at Maintenance Shed.

APPENDIX A

LABORATORY ANALYTICAL RESULTS- PLM BULK SAMPLES

EMSL Analytical, Inc.

10801 Southern Loop Blvd Pineville, NC 28134

Tel/Fax: (704) 525-2205 / (704) 525-2382

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

EMSL Order:	412408325
Customer ID:	TSEE85
Customer PO:	
Project ID:	

Attention:	TSE Environmental TSE Environmental LLC PO Box 2628 Carrollton, GA 30112	**Phone:**	(770) 328-5133
		Fax:	(770) 830-7474
		Received Date:	07/23/2024 9:00 AM
		Analysis Date:	07/26/2024 - 07/29/2024
		Collected Date:	

Project: Replace Jones Point Trailer, NPS Jela, New Orleans, LA

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
01-Floor Tile *412408325-0001*	Education Bldg./ Ranger Office - FT-1 and Underlayment	Green Non-Fibrous Heterogeneous		5% Quartz 95% Non-fibrous (Other)	None Detected
01-Underlayment *412408325-0001A*	Education Bldg./ Ranger Office - FT-1 and Underlayment	Gray Non-Fibrous Homogeneous	40% Cellulose	5% Quartz 30% Ca Carbonate 25% Non-fibrous (Other)	None Detected
02-Floor Tile *412408325-0002*	Education Bldg./ Ranger Office - FT-1 and Underlayment	Green Non-Fibrous Heterogeneous		5% Quartz 95% Non-fibrous (Other)	None Detected
02-Underlayment *412408325-0002A*	Education Bldg./ Ranger Office - FT-1 and Underlayment	Gray/White Non-Fibrous Heterogeneous	40% Cellulose	5% Quartz 20% Ca Carbonate 35% Non-fibrous (Other)	None Detected
03-Floor Tile *412408325-0003*	Education Bldg./ Ranger Office - FT-1 and Underlayment	Gray/Green Non-Fibrous Homogeneous	<1% Cellulose	2% Quartz 20% Ca Carbonate 78% Non-fibrous (Other)	None Detected
03-Underlayment *412408325-0003A*	Education Bldg./ Ranger Office - FT-1 and Underlayment	Gray Non-Fibrous Homogeneous	10% Cellulose	5% Quartz 85% Non-fibrous (Other)	None Detected
04-Joint Compound *412408325-0004*	Education Bldg./ Storage - Gypsum Wallboard and Joint Compound	White Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
04-Gypsum Wallboard *412408325-0004A*	Education Bldg./ Storage - Gypsum Wallboard and Joint Compound	Gray Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
05-Joint Compound *412408325-0005*	Education Bldg./ Storage - Gypsum Wallboard and Joint Compound	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
05-Gypsum Wallboard *412408325-0005A*	Education Bldg./ Storage - Gypsum Wallboard and Joint Compound	Gray Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
06-Joint Compound *412408325-0006*	Education Bldg./ Multipurpose Rm - Gypsum Wallboard and Joint Compound	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
06-Gypsum Wallboard *412408325-0006A*	Education Bldg./ Multipurpose Rm - Gypsum Wallboard and Joint Compound	Brown Non-Fibrous Homogeneous	3% Cellulose 2% Glass	95% Non-fibrous (Other)	None Detected
07 *412408325-0007*	Education Bldg./ Mech Area above Storage - White Duct Tape at Seams on Metal HVAC Duct	White/Yellow Fibrous Heterogeneous	70% Cellulose	5% Quartz 25% Non-fibrous (Other)	None Detected

Result includes a small amount of inseparable attached mastic.

Report amended: 07/29/2024 17:50:09 Replaces initial report from: 07/29/2024 17:51:49 Reason Code: Data Entry-Change to Appearance

EMSL Analytical, Inc.
10801 Southern Loop Blvd Pineville, NC 28134
Tel/Fax: (704) 525-2205 / (704) 525-2382
http://www.EMSL.com / charlottelab@emsl.com

EMSL Order: 412408325
Customer ID: TSEE85
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
08 *412408325-0008*	Education Bldg./ Mech Area above Storage - White Duct Tape at Seams on Metal HVAC Duct	White/Yellow Fibrous Heterogeneous	70% Cellulose	5% Quartz 25% Non-fibrous (Other)	None Detected
Result includes a small amount of inseparable attached mastic.					
09 *412408325-0009*	Education Bldg./ Mech Area above Storage - White Duct Tape at Seams on Metal HVAC Duct	White Fibrous Homogeneous	70% Cellulose	5% Quartz 25% Non-fibrous (Other)	None Detected
10 *412408325-0010*	Education Bldg./ Workshop - White Sink Under Coating	White Fibrous Homogeneous	40% Cellulose	3% Quartz 10% Ca Carbonate 47% Non-fibrous (Other)	None Detected
11 *412408325-0011*	Education Bldg./ Workshop - White Sink Under Coating	White Fibrous Homogeneous	40% Cellulose	10% Ca Carbonate 50% Non-fibrous (Other)	None Detected
12 *412408325-0012*	Education Bldg./ Workshop - White Sink Under Coating	White Non-Fibrous Homogeneous	5% Cellulose	15% Ca Carbonate 80% Non-fibrous (Other)	None Detected
13-Countertop *412408325-0013*	Education Bldg./ Workshop - Countertop at Sinks	White Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
13-Mastic *412408325-0013A*	Education Bldg./ Workshop - Countertop at Sinks	White Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
14-Countertop *412408325-0014*	Education Bldg./ Workshop - Countertop at Sinks	White Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
14-Mastic *412408325-0014A*	Education Bldg./ Workshop - Countertop at Sinks	White Non-Fibrous Homogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	None Detected
15-Countertop *412408325-0015*	Education Bldg./ Workshop - Countertop at Sinks	White Non-Fibrous Homogeneous		2% Quartz 98% Non-fibrous (Other)	None Detected
15-Mastic *412408325-0015A*	Education Bldg./ Workshop - Countertop at Sinks	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
16-Tile *412408325-0016*	Education Bldg./ Kitchen - 8" Quarry Tile - Grout and Adhesive	Brown Non-Fibrous Homogeneous		10% Quartz 90% Non-fibrous (Other)	None Detected
No adhesive present.					
16-Grout *412408325-0016A*	Education Bldg./ Kitchen - 8" Quarry Tile - Grout and Adhesive	Gray/Beige Non-Fibrous Heterogeneous		20% Quartz 5% Ca Carbonate 75% Non-fibrous (Other)	None Detected
16-Thinset *412408325-0016B*	Education Bldg./ Kitchen - 8" Quarry Tile - Grout and Adhesive	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
17-Tile *412408325-0017*	Education Bldg./ Kitchen - 8" Quarry Tile - Grout and Adhesive	Brown Non-Fibrous Homogeneous		10% Quartz 90% Non-fibrous (Other)	None Detected
No adhesive present.					

Report amended: 07/29/2024 17:50:09 Replaces initial report from: 07/29/2024 17:51:49 Reason Code: Data Entry-Change to Appearance

EMSL Analytical, Inc.
10801 Southern Loop Blvd Pineville, NC 28134
Tel/Fax: (704) 525-2205 / (704) 525-2382
http://www.EMSL.com / charlottelab@emsl.com

EMSL Order: 412408325
Customer ID: TSEE85
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
17-Grout *412408325-0017A*	Education Bldg./ Kitchen - 8" Quarry Tile - Grout and Adhesive	Gray/Beige Non-Fibrous Heterogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
17-Thinset *412408325-0017B*	Education Bldg./ Kitchen - 8" Quarry Tile - Grout and Adhesive	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
18-Tile *412408325-0018*	Education Bldg./ Kitchen - 8" Quarry Tile - Grout and Adhesive	Brown Non-Fibrous Homogeneous		10% Quartz 90% Non-fibrous (Other)	None Detected
No adhesive present.					
18-Grout *412408325-0018A*	Education Bldg./ Kitchen - 8" Quarry Tile - Grout and Adhesive	Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
18-Thinset *412408325-0018B*	Education Bldg./ Kitchen - 8" Quarry Tile - Grout and Adhesive	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
19-Flooring *412408325-0019*	Education Bldg./ Multipurpose Rm - Grey Epoxy Flooring and Underlayment	Gray/Blue Non-Fibrous Homogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	None Detected
19-Leveler *412408325-0019A*	Education Bldg./ Multipurpose Rm - Grey Epoxy Flooring and Underlayment	Gray Fibrous Heterogeneous		20% Quartz 15% Ca Carbonate 65% Non-fibrous (Other)	None Detected
Result includes a small amount of inseparable attached mastic.					
19-Underlayment *412408325-0019B*	Education Bldg./ Multipurpose Rm - Grey Epoxy Flooring and Underlayment	White Fibrous Heterogeneous	40% Cellulose 40% Glass	20% Non-fibrous (Other)	None Detected
19-Leveler *412408325-0019C*	Education Bldg./ Multipurpose Rm - Grey Epoxy Flooring and Underlayment	Tan Fibrous Homogeneous	30% Cellulose	20% Perlite 50% Non-fibrous (Other)	None Detected
20-Flooring *412408325-0020*	Education Bldg./ Multipurpose Rm - Grey Epoxy Flooring and Underlayment	Gray/Blue Non-Fibrous Homogeneous		5% Ca Carbonate 95% Non-fibrous (Other)	None Detected
20-Leveler *412408325-0020A*	Education Bldg./ Multipurpose Rm - Grey Epoxy Flooring and Underlayment	Gray Non-Fibrous Heterogeneous		10% Quartz 5% Ca Carbonate 85% Non-fibrous (Other)	None Detected
Result includes a small amount of inseparable attached mastic.					
20-Underlayment *412408325-0020B*	Education Bldg./ Multipurpose Rm - Grey Epoxy Flooring and Underlayment	White Fibrous Heterogeneous	40% Cellulose 40% Glass	20% Non-fibrous (Other)	None Detected
20-Leveler *412408325-0020C*	Education Bldg./ Multipurpose Rm - Grey Epoxy Flooring and Underlayment	Tan Non-Fibrous Homogeneous	20% Cellulose	20% Perlite 60% Non-fibrous (Other)	None Detected
21-Flooring *412408325-0021*	Education Bldg./ Multipurpose Rm - Grey Epoxy Flooring and Underlayment	Gray/White/Blue Non-Fibrous Homogeneous		5% Ca Carbonate 95% Non-fibrous (Other)	None Detected

Report amended: 07/29/2024 17:50:09 Replaces initial report from: 07/29/2024 17:51:49 Reason Code: Data Entry-Change to Appearance

EMSL Analytical, Inc.
10801 Southern Loop Blvd Pineville, NC 28134
Tel/Fax: (704) 525-2205 / (704) 525-2382
http://www.EMSL.com / charlottelab@emsl.com

EMSL Order: 412408325
Customer ID: TSEE85
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
21-Leveler *412408325-0021A*	Education Bldg./ Multipurpose Rm - Grey Epoxy Flooring and Underlayment	Gray Non-Fibrous Homogeneous		2% Quartz 10% Ca Carbonate 88% Non-fibrous (Other)	None Detected
21-Underlayment *412408325-0021B*	Education Bldg./ Multipurpose Rm - Grey Epoxy Flooring and Underlayment	White Fibrous Homogeneous	30% Synthetic 60% Glass	10% Non-fibrous (Other)	None Detected
21-Leveler *412408325-0021C*	Education Bldg./ Multipurpose Rm - Grey Epoxy Flooring and Underlayment	Tan/White Non-Fibrous Homogeneous	5% Cellulose	2% Quartz 93% Non-fibrous (Other)	None Detected
22-Mastic *412408325-0022*	Education Bldg./ MMR Upstairs - White Mastic on End Connector FG CHWS/R Piping	White Non-Fibrous Homogeneous	5% Fibrous (Other)	10% Quartz 85% Non-fibrous (Other)	None Detected
22-Wrap *412408325-0022A*	Education Bldg./ MMR Upstairs - White Mastic on End Connector FG CHWS/R Piping	White/Silver Fibrous Homogeneous	45% Cellulose 10% Glass	45% Non-fibrous (Other)	None Detected
22-Insulation *412408325-0022B*	Education Bldg./ MMR Upstairs - White Mastic on End Connector FG CHWS/R Piping	Yellow Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
23-Mastic *412408325-0023*	Education Bldg./ MMR Upstairs - White Mastic on End Connector FG CHWS/R Piping	White Non-Fibrous Homogeneous	5% Fibrous (Other)	10% Quartz 85% Non-fibrous (Other)	None Detected
23-Wrap *412408325-0023A*	Education Bldg./ MMR Upstairs - White Mastic on End Connector FG CHWS/R Piping	Tan/White/Silver Fibrous Homogeneous	30% Cellulose 10% Glass	60% Non-fibrous (Other)	None Detected
24-Mastic *412408325-0024*	Education Bldg./ MMR Upstairs - White Mastic on End Connector FG CHWS/R Piping	White Fibrous Homogeneous	5% Fibrous (Other)	8% Quartz 87% Non-fibrous (Other)	None Detected
24-Wrap *412408325-0024A*	Education Bldg./ MMR Upstairs - White Mastic on End Connector FG CHWS/R Piping	White/Silver Fibrous Homogeneous	10% Cellulose 30% Glass	60% Non-fibrous (Other)	None Detected
25-Joint Compound *412408325-0025*	Education Bldg./ Workshop - Gypsum Wallboard and Joint Compound	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
25-Gypsum Wallboard *412408325-0025A*	Education Bldg./ Workshop - Gypsum Wallboard and Joint Compound	White Non-Fibrous Homogeneous	5% Cellulose 2% Glass	93% Non-fibrous (Other)	None Detected
26-Floor Tile *412408325-0026*	VC/Admin Bldg./ Ext Elec Rm - FT-3 and Adhesive	Tan Fibrous Homogeneous	10% Cellulose 5% Synthetic	5% Ca Carbonate 80% Non-fibrous (Other)	None Detected

Report amended: 07/29/2024 17:50:09 Replaces initial report from: 07/29/2024 17:51:49 Reason Code: Data Entry-Change to Appearance

EMSL Analytical, Inc.
10801 Southern Loop Blvd Pineville, NC 28134
Tel/Fax: (704) 525-2205 / (704) 525-2382
http://www.EMSL.com / charlottelab@emsl.com

EMSL Order: 412408325
Customer ID: TSEE85
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
26-Adhesive *412408325-0026A*	VC/Admin Bldg./ Ext Elec Rm - FT-3 and Adhesive	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
27-Floor Tile *412408325-0027*	VC/Admin Bldg./ Ext Mech Rm - FT-3 and Adhesive	Tan Fibrous Homogeneous	10% Cellulose 10% Glass	5% Ca Carbonate 75% Non-fibrous (Other)	None Detected
27-Adhesive *412408325-0027A*	VC/Admin Bldg./ Ext Mech Rm - FT-3 and Adhesive	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
28-Floor Tile *412408325-0028*	VC/Admin Bldg./ Ext Mech Rm - FT-3 and Adhesive	Brown Fibrous Homogeneous	10% Cellulose	10% Ca Carbonate 80% Non-fibrous (Other)	None Detected
28-Adhesive *412408325-0028A* *Result includes a small amount of inseparable attached leveler.*	VC/Admin Bldg./ Ext Mech Rm - FT-3 and Adhesive	Tan/White Non-Fibrous Heterogeneous		5% Quartz 2% Ca Carbonate 93% Non-fibrous (Other)	None Detected
29 *412408325-0029*	VC/Admin Bldg./ Ext Mech Rm - White Duct Tape at Seams on Metal HVAC Duct	White/Beige Non-Fibrous Homogeneous	70% Cellulose	10% Quartz 20% Non-fibrous (Other)	None Detected
30 *412408325-0030*	VC/Admin Bldg./ Ext Mech Rm - White Duct Tape at Seams on Metal HVAC Duct	White Non-Fibrous Heterogeneous	70% Cellulose	10% Quartz 20% Non-fibrous (Other)	None Detected
31 *412408325-0031*	VC/Admin Bldg./ Ext Mech Rm - White Duct Tape at Seams on Metal HVAC Duct	Gray/White Fibrous Homogeneous	70% Cellulose	3% Quartz 27% Non-fibrous (Other)	None Detected
32 *412408325-0032*	VC/Admin Bldg./ Ext Mech Rm - Grey Mastic at Seams Metal HVAC Duct	Gray Non-Fibrous Homogeneous	2% Cellulose	20% Ca Carbonate 78% Non-fibrous (Other)	None Detected
33 *412408325-0033*	VC/Admin Bldg./ Ext Mech Rm - Grey Mastic at Seams Metal HVAC Duct	Gray Non-Fibrous Homogeneous		20% Ca Carbonate 80% Non-fibrous (Other)	None Detected
34 *412408325-0034*	VC/Admin Bldg./ Ext Mech Rm - Grey Mastic at Seams Metal HVAC Duct	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
35-Flooring *412408325-0035*	VC/Admin Bldg./ Movie Theater - Grey Epoxy Flooring and Underlayment	Gray/White/Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
35-Yellow Mastic/Yellow Leveler *412408325-0035A*	VC/Admin Bldg./ Movie Theater - Grey Epoxy Flooring and Underlayment	Yellow/Clear Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
35-Gray Mastic/Gray Leveler *412408325-0035B*	VC/Admin Bldg./ Movie Theater - Grey Epoxy Flooring and Underlayment	Gray Non-Fibrous Heterogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	None Detected
35-Underlayment *412408325-0035C*	VC/Admin Bldg./ Movie Theater - Grey Epoxy Flooring and Underlayment	White Fibrous Homogeneous	40% Synthetic 40% Glass	15% Ca Carbonate 5% Non-fibrous (Other)	None Detected

Report amended: 07/29/2024 17:50:09 Replaces initial report from: 07/29/2024 17:51:49 Reason Code: Data Entry-Change to Appearance

EMSL Analytical, Inc.
10801 Southern Loop Blvd Pineville, NC 28134
Tel/Fax: (704) 525-2205 / (704) 525-2382
http://www.EMSL.com / charlottelab@emsl.com

EMSL Order: 412408325
Customer ID: TSEE85
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
35-Leveler *412408325-0035D*	VC/Admin Bldg./ Movie Theater - Grey Epoxy Flooring and Underlayment	Tan/White Non-Fibrous Homogeneous	5% Cellulose	5% Mica 90% Non-fibrous (Other)	None Detected
36-Flooring *412408325-0036*	VC/Admin Bldg./ Office - Grey Epoxy Flooring and Underlayment	Gray/White/Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
36-Yellow Mastic/Yellow Leveler *412408325-0036A*	VC/Admin Bldg./ Office - Grey Epoxy Flooring and Underlayment	Yellow/Clear Non-Fibrous Heterogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
36-Gray Mastic/Gray Leveler *412408325-0036B*	VC/Admin Bldg./ Office - Grey Epoxy Flooring and Underlayment	Gray Non-Fibrous Heterogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	None Detected
36-Underlayment *412408325-0036C*	VC/Admin Bldg./ Office - Grey Epoxy Flooring and Underlayment	White Fibrous Homogeneous	40% Synthetic 40% Glass	15% Ca Carbonate 5% Non-fibrous (Other)	None Detected
36-Leveler *412408325-0036D*	VC/Admin Bldg./ Office - Grey Epoxy Flooring and Underlayment	Tan/White Non-Fibrous Homogeneous	5% Cellulose	5% Mica 90% Non-fibrous (Other)	None Detected
37-Flooring *412408325-0037*	VC/Admin Bldg./ Lobby at Storage - Grey Epoxy Flooring and Underlayment	Gray/Blue Non-Fibrous Homogeneous		5% Quartz 10% Ca Carbonate 85% Non-fibrous (Other)	None Detected
37-Yellow Mastic/Yellow Leveler *412408325-0037A*	VC/Admin Bldg./ Lobby at Storage - Grey Epoxy Flooring and Underlayment	Yellow/Clear Non-Fibrous Homogeneous		10% Quartz 90% Non-fibrous (Other)	None Detected
37-Gray Mastic/Gray Leveler *412408325-0037B*	VC/Admin Bldg./ Lobby at Storage - Grey Epoxy Flooring and Underlayment	Gray Non-Fibrous Homogeneous		20% Quartz 10% Ca Carbonate 70% Non-fibrous (Other)	None Detected
37-Underlayment *412408325-0037C*	VC/Admin Bldg./ Lobby at Storage - Grey Epoxy Flooring and Underlayment	White Fibrous Homogeneous	20% Synthetic 20% Glass	60% Non-fibrous (Other)	None Detected
37-Tan Leveler *412408325-0037D*	VC/Admin Bldg./ Lobby at Storage - Grey Epoxy Flooring and Underlayment	Tan Fibrous Homogeneous	10% Cellulose	20% Perlite 70% Non-fibrous (Other)	None Detected
38-Tape *412408325-0038*	VC/Admin Bldg./ Ext Mech Rm - Gypsum Wallboard and Joint Compound	Beige Fibrous Homogeneous	99% Cellulose	1% Non-fibrous (Other)	None Detected
38-Joint Compound *412408325-0038A*	VC/Admin Bldg./ Ext Mech Rm - Gypsum Wallboard and Joint Compound	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
38-Gypsum Wallboard *412408325-0038B*	VC/Admin Bldg./ Ext Mech Rm - Gypsum Wallboard and Joint Compound	White Non-Fibrous Homogeneous	5% Cellulose 2% Glass	93% Non-fibrous (Other)	None Detected

Report amended: 07/29/2024 17:50:09 Replaces initial report from: 07/29/2024 17:51:49 Reason Code: Data Entry-Change to Appearance

EMSL Analytical, Inc.
10801 Southern Loop Blvd Pineville, NC 28134
Tel/Fax: (704) 525-2205 / (704) 525-2382
http://www.EMSL.com / charlottelab@emsl.com

EMSL Order: 412408325
Customer ID: TSEE85
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
39-Tape *412408325-0039*	VC/Admin Bldg./ Int Toilet - Gypsum Wallboard and Joint Compound	Beige Fibrous Homogeneous	99% Cellulose	1% Non-fibrous (Other)	None Detected
39-Joint Compound *412408325-0039A*	VC/Admin Bldg./ Int Toilet - Gypsum Wallboard and Joint Compound	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
39-Gypsum Wallboard *412408325-0039B*	VC/Admin Bldg./ Int Toilet - Gypsum Wallboard and Joint Compound	Brown Non-Fibrous Homogeneous	3% Cellulose	97% Non-fibrous (Other)	None Detected
40-Joint Compound *412408325-0040*	VC/Admin Bldg./ Storage - Gypsum Wallboard and Joint Compound	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
40-Gypsum Wallboard *412408325-0040A*	VC/Admin Bldg./ Storage - Gypsum Wallboard and Joint Compound	Gray Non-Fibrous Homogeneous	8% Cellulose	92% Non-fibrous (Other)	None Detected
41-Floor Tile *412408325-0041*	VC/Admin Bldg./ Storage - FT-2 and Adhesive	Gray/White Fibrous Homogeneous	10% Cellulose 10% Synthetic	80% Non-fibrous (Other)	None Detected
41-Adhesive *412408325-0041A*	VC/Admin Bldg./ Storage - FT-2 and Adhesive	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
42-Floor Tile *412408325-0042*	VC/Admin Bldg./ Int Toilet - FT-2 and Adhesive	Gray/White Fibrous Homogeneous	10% Cellulose 10% Synthetic	80% Non-fibrous (Other)	None Detected
42-Adhesive *412408325-0042A*	VC/Admin Bldg./ Int Toilet - FT-2 and Adhesive	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
43-Floor Tile *412408325-0043*	VC/Admin Bldg./ Storage - FT-2 and Adhesive	Brown Fibrous Homogeneous	10% Cellulose 5% Glass	10% Ca Carbonate 75% Non-fibrous (Other)	None Detected
43-Adhesive *412408325-0043A*	VC/Admin Bldg./ Storage - FT-2 and Adhesive	Tan Non-Fibrous Homogeneous		2% Quartz 98% Non-fibrous (Other)	None Detected
44-Cove Base *412408325-0044*	VC/Admin Bldg./ Storage - Cove Base and Adhesive	Black Non-Fibrous Homogeneous		15% Ca Carbonate 85% Non-fibrous (Other)	None Detected
44-Adhesive *412408325-0044A*	VC/Admin Bldg./ Storage - Cove Base and Adhesive	Brown Non-Fibrous Homogeneous	5% Fibrous (Other)	95% Non-fibrous (Other)	None Detected
45-Cove Base *412408325-0045*	VC/Admin Bldg./ Storage - Cove Base and Adhesive	Black Non-Fibrous Homogeneous		15% Ca Carbonate 85% Non-fibrous (Other)	None Detected
45-Adhesive *412408325-0045A*	VC/Admin Bldg./ Storage - Cove Base and Adhesive	Brown Non-Fibrous Homogeneous	5% Fibrous (Other)	95% Non-fibrous (Other)	None Detected
46-Cove Base *412408325-0046*	VC/Admin Bldg./ Storage - Cove Base and Adhesive	Black Non-Fibrous Homogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	None Detected
46-Adhesive *412408325-0046A*	VC/Admin Bldg./ Storage - Cove Base and Adhesive	Brown Non-Fibrous Homogeneous	8% Fibrous (Other)	5% Ca Carbonate 87% Non-fibrous (Other)	None Detected

Report amended: 07/29/2024 17:50:09 Replaces initial report from: 07/29/2024 17:51:49 Reason Code: Data Entry-Change to Appearance

EMSL Analytical, Inc.
10801 Southern Loop Blvd Pineville, NC 28134
Tel/Fax: (704) 525-2205 / (704) 525-2382
http://www.EMSL.com / charlottelab@emsl.com

EMSL Order: 412408325
Customer ID: TSEE85
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
47 *412408325-0047*	Law Bldg./ Men TLT - Stipple Finish on GWB Walls	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
48 *412408325-0048*	Law Bldg./ Unisex TLT - Stipple Finish on GWB Walls	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
49 *412408325-0049*	Law Bldg./ Women TLT - Stipple Finish on GWB Walls	White Non-Fibrous Homogeneous		70% Ca Carbonate 5% Mica 25% Non-fibrous (Other)	None Detected
50-Ceramic Tile *412408325-0050*	Law Bldg./ Men TLT - Cer Tile Floor - Grout, Mortar and Adhesive	Green Non-Fibrous Homogeneous		5% Quartz 95% Non-fibrous (Other)	None Detected
50-Grout *412408325-0050A*	Law Bldg./ Men TLT - Cer Tile Floor - Grout, Mortar and Adhesive	Black Non-Fibrous Homogeneous		30% Quartz 70% Non-fibrous (Other)	None Detected
50-Adhesive *412408325-0050B*	Law Bldg./ Men TLT - Cer Tile Floor - Grout, Mortar and Adhesive	Beige Non-Fibrous Homogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	None Detected
50-Mortar *412408325-0050C*	Law Bldg./ Men TLT - Cer Tile Floor - Grout, Mortar and Adhesive	Gray/Black Non-Fibrous Heterogeneous		30% Quartz 70% Non-fibrous (Other)	None Detected
50-Backing *412408325-0050D*	Law Bldg./ Men TLT - Cer Tile Floor - Grout, Mortar and Adhesive	Black Fibrous Homogeneous	90% Glass	10% Non-fibrous (Other)	None Detected
50-Mortar *412408325-0050E*	Law Bldg./ Men TLT - Cer Tile Floor - Grout, Mortar and Adhesive	Gray Non-Fibrous Homogeneous		5% Quartz 95% Non-fibrous (Other)	None Detected
51-Ceramic Tile *412408325-0051*	Law Bldg./ Men TLT - Cer Tile Floor - Grout, Mortar and Adhesive	Green Non-Fibrous Homogeneous		5% Quartz 95% Non-fibrous (Other)	None Detected
51-Grout *412408325-0051A*	Law Bldg./ Men TLT - Cer Tile Floor - Grout, Mortar and Adhesive	Black Non-Fibrous Homogeneous		30% Quartz 70% Non-fibrous (Other)	None Detected
51-Adhesive *412408325-0051B*	Law Bldg./ Men TLT - Cer Tile Floor - Grout, Mortar and Adhesive	Beige Non-Fibrous Homogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	None Detected
51-Mortar *412408325-0051C*	Law Bldg./ Men TLT - Cer Tile Floor - Grout, Mortar and Adhesive	Gray Non-Fibrous Homogeneous		30% Quartz 70% Non-fibrous (Other)	None Detected
51-Backing *412408325-0051D*	Law Bldg./ Men TLT - Cer Tile Floor - Grout, Mortar and Adhesive	Black Fibrous Homogeneous	90% Glass	10% Non-fibrous (Other)	None Detected
51-Mortar *412408325-0051E*	Law Bldg./ Men TLT - Cer Tile Floor - Grout, Mortar and Adhesive	Gray Non-Fibrous Homogeneous		5% Quartz 95% Non-fibrous (Other)	None Detected
52-Ceramic Tile *412408325-0052*	Law Bldg./ Men TLT - Cer Tile Floor - Grout, Mortar and Adhesive	Green Non-Fibrous Homogeneous		5% Quartz 95% Non-fibrous (Other)	None Detected
52-Grout *412408325-0052A*	Law Bldg./ Men TLT - Cer Tile Floor - Grout, Mortar and Adhesive	Gray Non-Fibrous Homogeneous		20% Quartz 5% Ca Carbonate 75% Non-fibrous (Other)	None Detected
52-Adhesive *412408325-0052B*	Law Bldg./ Men TLT - Cer Tile Floor - Grout, Mortar and Adhesive	Tan Non-Fibrous Homogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	None Detected
52-Mortar *412408325-0052C*	Law Bldg./ Men TLT - Cer Tile Floor - Grout, Mortar and Adhesive	Gray Non-Fibrous Homogeneous		20% Quartz 5% Ca Carbonate 75% Non-fibrous (Other)	None Detected

Report amended: 07/29/2024 17:50:09 Replaces initial report from: 07/29/2024 17:51:49 Reason Code: Data Entry-Change to Appearance

EMSL Analytical, Inc.
10801 Southern Loop Blvd Pineville, NC 28134
Tel/Fax: (704) 525-2205 / (704) 525-2382
http://www.EMSL.com / charlottelab@emsl.com

EMSL Order: 412408325
Customer ID: TSEE85
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
52-Backing *412408325-0052D*	Law Bldg./ Men TLT - Cer Tile Floor - Grout, Mortar and Adhesive	Black Fibrous Homogeneous	90% Glass	10% Non-fibrous (Other)	None Detected
52-Mortar *412408325-0052E*	Law Bldg./ Men TLT - Cer Tile Floor - Grout, Mortar and Adhesive	Gray Non-Fibrous Homogeneous		15% Quartz 8% Ca Carbonate 77% Non-fibrous (Other)	None Detected
53-Flooring *412408325-0053*	Law Bldg./ Utility Closet - FT-3 and Adhesive	Tan Fibrous Homogeneous	20% Synthetic	5% Ca Carbonate 75% Non-fibrous (Other)	None Detected
53-Adhesive *412408325-0053A*	Law Bldg./ Utility Closet - FT-3 and Adhesive	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
54-Flooring *412408325-0054*	Law Bldg./ Utility Closet - FT-3 and Adhesive	Tan Fibrous Homogeneous	10% Cellulose 5% Synthetic	5% Ca Carbonate 80% Non-fibrous (Other)	None Detected
54-Adhesive *412408325-0054A*	Law Bldg./ Utility Closet - FT-3 and Adhesive	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
55-Flooring *412408325-0055*	Law Bldg./ Utility Closet - FT-3 and Adhesive	Brown Fibrous Homogeneous	5% Cellulose 5% Synthetic	10% Ca Carbonate 80% Non-fibrous (Other)	None Detected
55-Adhesive *412408325-0055A*	Law Bldg./ Utility Closet - FT-3 and Adhesive	Brown/Tan/Black Non-Fibrous Heterogeneous		5% Ca Carbonate 95% Non-fibrous (Other)	None Detected
56-Joint Compound *412408325-0056*	Law Bldg./ Utility Closet - Gypsum Wallboard and Joint Compound	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
56-Gypsum Wallboard *412408325-0056A*	Law Bldg./ Utility Closet - Gypsum Wallboard and Joint Compound	White Non-Fibrous Homogeneous	5% Cellulose 2% Glass	93% Non-fibrous (Other)	None Detected
57-Joint Compound *412408325-0057*	Law Bldg./ Men TLT - Gypsum Wallboard and Joint Compound	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
57-Gypsum Wallboard *412408325-0057A*	Law Bldg./ Men TLT - Gypsum Wallboard and Joint Compound	White Non-Fibrous Homogeneous	5% Cellulose 2% Glass	93% Non-fibrous (Other)	None Detected
58-Joint Compound *412408325-0058*	Law Bldg./ Utility Closet - Gypsum Wallboard and Joint Compound	White Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
58-Gypsum Wallboard *412408325-0058A*	Law Bldg./ Utility Closet - Gypsum Wallboard and Joint Compound	White Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
59-Shingle *412408325-0059*	Trailer Bldg./ Roof - Shingles and Felt	Brown/Black Fibrous Homogeneous	15% Glass	10% Quartz 15% Ca Carbonate 60% Non-fibrous (Other)	None Detected
59-Felt *412408325-0059A*	Trailer Bldg./ Roof - Shingles and Felt	Black Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
60-Shingle *412408325-0060*	Trailer Bldg./ Roof - Shingles and Felt	Brown/Black Fibrous Homogeneous	15% Glass	10% Quartz 15% Ca Carbonate 60% Non-fibrous (Other)	None Detected
60-Felt *412408325-0060A*	Trailer Bldg./ Roof - Shingles and Felt	Black Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected

Report amended: 07/29/2024 17:50:09 Replaces initial report from: 07/29/2024 17:51:49 Reason Code: Data Entry-Change to Appearance

EMSL Analytical, Inc.
10801 Southern Loop Blvd Pineville, NC 28134
Tel/Fax: (704) 525-2205 / (704) 525-2382
http://www.EMSL.com / charlottelab@emsl.com

EMSL Order: 412408325
Customer ID: TSEE85
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
61-Shingle *412408325-0061*	Trailer Bldg./ Roof - Shingles and Felt	Brown/Black Fibrous Homogeneous	10% Glass	<1% Quartz 10% Ca Carbonate 80% Non-fibrous (Other)	None Detected
61-Felt *412408325-0061A*	Trailer Bldg./ Roof - Shingles and Felt	Black Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
62-Floor Tile *412408325-0062*	Trailer Bldg./ Room 6 - FT-4 and Yellow Adhesive	Gray/White Non-Fibrous Homogeneous		30% Ca Carbonate 70% Non-fibrous (Other)	None Detected
62-Adhesive *412408325-0062A* *Result includes a small amount of inseparable attached leveler.*	Trailer Bldg./ Room 6 - FT-4 and Yellow Adhesive	Gray/Yellow Non-Fibrous Homogeneous	<1% Cellulose	2% Quartz 3% Ca Carbonate 95% Non-fibrous (Other)	None Detected
63-Floor Tile *412408325-0063*	Trailer Bldg./ Room 6 - FT-4 and Yellow Adhesive	Gray/White Non-Fibrous Homogeneous		30% Ca Carbonate 70% Non-fibrous (Other)	None Detected
63-Adhesive *412408325-0063A* *Result includes a small amount of inseparable attached leveler.*	Trailer Bldg./ Room 6 - FT-4 and Yellow Adhesive	Gray/Yellow Non-Fibrous Heterogeneous	<1% Cellulose	2% Quartz 3% Ca Carbonate 95% Non-fibrous (Other)	None Detected
63-Foam *412408325-0063B*	Trailer Bldg./ Room 6 - FT-4 and Yellow Adhesive	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
64-Floor Tile *412408325-0064*	Trailer Bldg./ Room 6 - FT-4 and Yellow Adhesive	White Non-Fibrous Homogeneous		20% Ca Carbonate 80% Non-fibrous (Other)	None Detected
64-Adhesive *412408325-0064A*	Trailer Bldg./ Room 6 - FT-4 and Yellow Adhesive	Tan Non-Fibrous Homogeneous		5% Ca Carbonate 95% Non-fibrous (Other)	None Detected
65 *412408325-0065*	Trailer Bldg./ Room 2 - Gypsum Wallboard Walls (No JC Observed)	Gray Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
66 *412408325-0066*	Trailer Bldg./ Room 6 - Gypsum Wallboard Walls (No JC Observed)	Gray Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
67 *412408325-0067*	Trailer Bldg./ Room 4 - Gypsum Wallboard Walls (No JC Observed)	Gray Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
68 *412408325-0068*	Trailer Bldg./ Room 6 - Stipple Finish on GWB Ceilings	White Non-Fibrous Homogeneous		2% Quartz 98% Non-fibrous (Other)	None Detected
69 *412408325-0069*	Trailer Bldg./ Room 6 - Stipple Finish on GWB Ceilings	White Non-Fibrous Homogeneous		2% Quartz 98% Non-fibrous (Other)	None Detected
70 *412408325-0070*	Trailer Bldg./ Room 6 - Stipple Finish on GWB Ceilings	White Non-Fibrous Homogeneous		2% Quartz 98% Non-fibrous (Other)	None Detected
71 *412408325-0071*	Trailer Bldg./ Room 2 - Stipple Finish on GWB Ceilings	White Non-Fibrous Homogeneous		3% Quartz 5% Ca Carbonate 92% Non-fibrous (Other)	None Detected
72 *412408325-0072*	Trailer Bldg./ Room 2 - Stipple Finish on GWB Ceilings	White Non-Fibrous Homogeneous		3% Quartz 5% Ca Carbonate 92% Non-fibrous (Other)	None Detected

Report amended: 07/29/2024 17:50:09 Replaces initial report from: 07/29/2024 17:51:49 Reason Code: Data Entry-Change to Appearance

EMSL Analytical, Inc.
10801 Southern Loop Blvd Pineville, NC 28134
Tel/Fax: (704) 525-2205 / (704) 525-2382
http://www.EMSL.com / charlottelab@emsl.com

EMSL Order: 412408325
Customer ID: TSEE85
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
73 *412408325-0073*	Trailer Bldg./ Room 6 - Caulk at Center Connector at Ceiling	White Non-Fibrous Homogeneous		20% Ca Carbonate 80% Non-fibrous (Other)	None Detected
74 *412408325-0074*	Trailer Bldg./ Room 6 - Caulk at Center Connector at Ceiling	White Non-Fibrous Homogeneous		20% Ca Carbonate 80% Non-fibrous (Other)	None Detected
75 *412408325-0075*	Trailer Bldg./ Room 6 - Caulk at Center Connector at Ceiling	White Non-Fibrous Homogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	None Detected
76 *412408325-0076*	Trailer Bldg./ Exterior - DF to Wall Caulk	Clear Non-Fibrous Homogeneous		<1% Ca Carbonate 100% Non-fibrous (Other)	None Detected
77 *412408325-0077*	Trailer Bldg./ Exterior - DF to Wall Caulk	Clear Non-Fibrous Homogeneous		<1% Ca Carbonate 100% Non-fibrous (Other)	None Detected
78 *412408325-0078*	Trailer Bldg./ Exterior - DF to Wall Caulk	Clear Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
79 *412408325-0079*	Trailer Bldg./ Underneath - Black Tar-Type Coating on Steel Frame Support	Black Non-Fibrous Homogeneous		<1% Quartz 100% Non-fibrous (Other)	None Detected
80 *412408325-0080*	Trailer Bldg./ Underneath - Black Tar-Type Coating on Steel Frame Support	Black Non-Fibrous Homogeneous		2% Quartz 98% Non-fibrous (Other)	None Detected
81 *412408325-0081*	Trailer Bldg./ Underneath - Black Tar-Type Coating on Steel Frame Support	Black Non-Fibrous Homogeneous		5% Ca Carbonate 95% Non-fibrous (Other)	None Detected
82 *412408325-0082*	Trailer Bldg./ Room 2 - Carpet Adhesive - Yellow	Yellow Non-Fibrous Homogeneous	<1% Cellulose <1% Synthetic	100% Non-fibrous (Other)	None Detected
83 *412408325-0083*	Trailer Bldg./ Room 2 - Carpet Adhesive - Yellow	Yellow Non-Fibrous Homogeneous	<1% Cellulose <1% Synthetic	100% Non-fibrous (Other)	None Detected
84 *412408325-0084*	Trailer Bldg./ Room 2 - Carpet Adhesive - Yellow	Black/Yellow Non-Fibrous Heterogeneous	5% Cellulose	2% Ca Carbonate 93% Non-fibrous (Other)	None Detected
85-Cove Base *412408325-0085*	Trailer Bldg./ Room 2 - Cove Base and Adhesive	Gray Non-Fibrous Homogeneous		5% Ca Carbonate 95% Non-fibrous (Other)	None Detected
85-Adhesive *412408325-0085A*	Trailer Bldg./ Room 2 - Cove Base and Adhesive	Yellow Non-Fibrous Homogeneous		5% Ca Carbonate 95% Non-fibrous (Other)	None Detected
86-Cove Base *412408325-0086*	Trailer Bldg./ Room 2 - Cove Base and Adhesive	Yellow Non-Fibrous Homogeneous		3% Ca Carbonate 97% Non-fibrous (Other)	None Detected
86-Adhesive *412408325-0086A*	Trailer Bldg./ Room 2 - Cove Base and Adhesive	Yellow Non-Fibrous Homogeneous		5% Ca Carbonate 95% Non-fibrous (Other)	None Detected
87-Cove Base *412408325-0087*	Trailer Bldg./ Room 2 - Cove Base and Adhesive	Brown Non-Fibrous Homogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	None Detected
87-Adhesive *412408325-0087A*	Trailer Bldg./ Room 2 - Cove Base and Adhesive	Yellow Non-Fibrous Homogeneous		5% Ca Carbonate 95% Non-fibrous (Other)	None Detected

Report amended: 07/29/2024 17:50:09 Replaces initial report from: 07/29/2024 17:51:49 Reason Code: Data Entry-Change to Appearance

EMSL Analytical, Inc.
10801 Southern Loop Blvd Pineville, NC 28134
Tel/Fax: (704) 525-2205 / (704) 525-2382
http://www.EMSL.com / charlottelab@emsl.com

EMSL Order: 412408325
Customer ID: TSEE85
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
88-Rubber Step Tread *412408325-0088*	Education Bldg./ Observation Area - Rubber Step Tread and Adhesive	Gray Non-Fibrous Homogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	None Detected
88-Adhesive *412408325-0088A*	Education Bldg./ Observation Area - Rubber Step Tread and Adhesive	Beige Non-Fibrous Homogeneous		5% Ca Carbonate 95% Non-fibrous (Other)	None Detected
89-Rubber Step Tread *412408325-0089*	Education Bldg./ Observation Area - Rubber Step Tread and Adhesive	Gray Non-Fibrous Homogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	None Detected
89-Adhesive *412408325-0089A*	Education Bldg./ Observation Area - Rubber Step Tread and Adhesive	Beige Non-Fibrous Homogeneous		5% Ca Carbonate 95% Non-fibrous (Other)	None Detected
90-Rubber Step Tread *412408325-0090*	Education Bldg./ Observation Area - Rubber Step Tread and Adhesive	Gray Non-Fibrous Homogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	None Detected
90-Adhesive *412408325-0090A*	Education Bldg./ Observation Area - Rubber Step Tread and Adhesive	Beige Non-Fibrous Homogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	None Detected

Report Comment: **Titles corrected for samples 19-21, 35-37 and 50-52. Sample 39 title was corrected from "gypsum board" to "gypsum wallboard".**

Analyst(s)
Jessica Glover (80)
Kelsie Dwyer (26)
Sara Bernardo (73)

Lee Plumley, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. 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 or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 “Interim Method”) but augmented with procedures outlined in the 1993 (”final”) version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Pineville, NC NVLAP Lab Code 200841-0, VA 3333 00312

Report amended: 07/29/2024 17:50:09 Replaces initial report from: 07/29/2024 17:51:49 Reason Code: Data Entry-Change to Appearance

412408325

BULK SAMPLE COLLECTION SHEET- SUSPECT MATERIALS

TSE ENVIRONMENTAL, LLC.
P.O. BOX 2628, CARROLLTON, GA 30112
PH (770)328-5133

PROJECT NAME/ADDRESS: REPLACE JONES POINT TRAILER, NPS JELA, NEW ORLEANS, LA

BLDG	LOCATION/AREA	SAMPLE #	HA #	MATERIAL DESCRIPTION	COMMENTS
EDUCATION	RANGER OFFICE	01	1	FT-1 AND UNDERLAYMENT	
EDUCATION	RANGER OFFICE	02	1	FT-1 AND UNDERLAYMENT	
EDUCATION	RANGER OFFICE	03	1	FT-1 AND UNDERLAYMENT	
EDUCATION	STORAGE	04	2	GYPSUM WALLBOARD AND JOINT COMPOUND	
EDUCATION	STORAGE	05	2	GYPSUM WALLBOARD AND JOINT COMPOUND	
EDUCATION	MULTIPURPOSE RM	06	2	GYPSUM WALLBOARD AND JOINT COMPOUND	
EDUCATION	MECH AREA ABOVE STORAGE	07	3	WHITE DUCT TAPE AT SEAMS ON METAL HVAC DUCT	
EDUCATION	MECH AREA ABOVE STORAGE	08	3	WHITE DUCT TAPE AT SEAMS ON METAL HVAC DUCT	
EDUCATION	MECH AREA ABOVE STORAGE	09	3	WHITE DUCT TAPE AT SEAMS ON METAL HVAC DUCT	
EDUCATION	WORKSHOP	10	4	WHITE SINK UNDER COATING	
EDUCATION	WORKSHOP	11	4	WHITE SINK UNDER COATING	
EDUCATION	WORKSHOP	12	4	WHITE SINK UNDER COATING	
EDUCATION	WORKSHOP	13	5	COUNTERTOP AT SINKS	
EDUCATION	WORKSHOP	14	5	COUNTERTOP AT SINKS	
EDUCATION	WORKSHOP	15	5	COUNTERTOP AT SINKS	

SAMPLES RELINQUISHED BY _____ DATE 7.22.24

SAMPLES RECEIVED BY EMSL - _____ DATE 7/23/24 9AM FX

PLM ANALYSIS REQUESTED: EPA/600/R-93/116 CVE (reporting limit to <1%) TAT REQUESTED: 1 WEEK EMAIL RESULTS TO: tseenvironmental@charter.net

7775 4522 9611

OrderID: 412408325

8325

BULK SAMPLE COLLECTION SHEET- SUSPECT MATERIALS

TSE ENVIRONMENTAL, LLC.
P.O. BOX 2628, CARROLLTON, GA 30112
PH (770)328-5133

PROJECT NAME/ADDRESS: REPLACE JONES POINT TRAILER, NPS JELA, NEW ORLEANS, LA

BLDG	LOCATION/AREA	SAMPLE #	HA #	MATERIAL DESCRIPTION	COMMENTS
EDUCATION	KITCHEN	16	6	8" QUARRY TILE- GROUT AND ADHESIVE	
EDUCATION	KITCHEN	17	6	8" QUARRY TILE- GROUT AND ADHESIVE	
EDUCATION	KITCHEN	18	6	8" QUARRY TILE- GROUT AND ADHESIVE	
EDUCATION	MULTIPURPOSE RM	19	7	GREY EPOXY FLOORING AND UNDERLAYMENT	
EDUCATION	MULTIPURPOSE RM	20	7	GREY EPOXY FLOORING AND UNDERLAYMENT	
EDUCATION	MULTIPURPOSE RM	21	7	GREY EPOXY FLOORING AND UNDERLAYMENT	
EDUCATION	MMR UPSTAIRS	22	8	WHITE MASTIC ON END CONNECTOR FG CHWS/R PIPING	
EDUCATION	MMR UPSTAIRS	23	8	WHITE MASTIC ON END CONNECTOR FG CHWS/R PIPING	
EDUCATION	MMR UPSTAIRS	24	8	WHITE MASTIC ON END CONNECTOR FG CHWS/R PIPING	
EDUCATION	WORKSHOP	25	2	GYPSUM WALLBOARD AND JOINT COMPOUND	
VC/ADMIN	EXT ELEC RM	26	9	FT-3 AND ADHESIVE	
VC/ADMIN	EXT MECH RM	27	9	FT-3 AND ADHESIVE	
VC/ADMIN	EXT MECH RM	28	9	FT-3 AND ADHESIVE	
VC/ADMIN	EXT MECH RM	29	10	WHITE DUCT TAPE AT SEAMS ON METAL HVAC DUCT	
VC/ADMIN	EXT MECH RM	30	10	WHITE DUCT TAPE AT SEAMS ON METAL HVAC DUCT	

SAMPLES RELINQUISHED BY Scott B [signature] DATE 7.22.24

SAMPLES RECEIVED BY _____ DATE _____

PLM ANALYSIS REQUESTED: EPA/600/R-93/116 CVE (reporting limit to <1%) TAT REQUESTED: 1 WEEK EMAIL RESULTS TO: tseenvironmental@charter.net

OrderID: 412408325

8325

BULK SAMPLE COLLECTION SHEET- SUSPECT MATERIALS

TSE ENVIRONMENTAL, LLC.
P.O. BOX 2628, CARROLLTON, GA 30112
PH (770)328-5133

PROJECT NAME/ADDRESS: REPLACE JONES POINT TRAILER, NPS JELA, NEW ORLEANS, LA

BLDG	LOCATION/AREA	SAMPLE #	HA #	MATERIAL DESCRIPTION	COMMENTS
VC/ADMIN	EXT MECH RM	31	10	WHITE DUCT TAPE AT SEAMS ON METAL HVAC DUCT	
VC/ADMIN	EXT MECH RM	32	11	GREY MASTIC AT SEAMS METAL HVAC DUCT	
VC/ADMIN	EXT MECH RM	33	11	GREY MASTIC AT SEAMS METAL HVAC DUCT	
VC/ADMIN	EXT MECH RM	34	11	GREY MASTIC AT SEAMS METAL HVAC DUCT	
VC/ADMIN	MOVIE THEATER	35	12	GREY EPOXY FLOORING AND UNDERLAYMENT	
VC/ADMIN	OFFICE	36	12	GREY EPOXY FLOORING AND UNDERLAYMENT	
VC/ADMIN	LOBBY AT STORAGE	37	12	GREY EPOXY FLOORING AND UNDERLAYMENT	
VC/ADMIN	EXT MECH RM	38	13	GYPSUM WALLBOARD AND JOINT COMPOUND	
VC/ADMIN	INT TOILET	39	13	GYPSUM WALLBOARD AND JOINT COMPOUND	
VC/ADMIN	STORAGE	40	13	GYPSUM WALLBOARD AND JOINT COMPOUND	
VC/ADMIN	STORAGE	41	14	FT-2 AND ADHESIVE	
VC/ADMIN	INT TOILET	42	14	FT-2 AND ADHESIVE	
VC/ADMIN	STORAGE	43	14	FT-2 AND ADHESIVE	
VC/ADMIN	STORAGE	44	15	COVE BASE AND ADHESIVE	
VC/ADMIN	STORAGE	45	15	COVE BASE AND ADHESIVE	

SAMPLES RELINQUISHED BY Scott B [signature] DATE 7.22.24

SAMPLES RECEIVED BY _____ DATE _____

PLM ANALYSIS REQUESTED: EPA/600/R-93/116 CVE (reporting limit to <1%) TAT REQUESTED: 1 WEEK EMAIL RESULTS TO: tseenvironmental@charter.net

OrderID: 412408325

8325

BULK SAMPLE COLLECTION SHEET- SUSPECT MATERIALS

TSE ENVIRONMENTAL, LLC.
P.O. BOX 2628, CARROLLTON, GA 30112
PH (770)328-5133

PROJECT NAME/ADDRESS: REPLACE JONES POINT TRAILER, NPS JELA, NEW ORLEANS, LA

BLDG	LOCATION/AREA	SAMPLE #	HA #	MATERIAL DESCRIPTION	COMMENTS
VC/ADMIN	STORAGE	46	15	COVEBASE AND ADHESIVE	
LAW	MEN TLT	47	16	STIPPLE FINISH ON GWB WALLS	
LAW	UNISEX TLT	48	16	STIPPLE FINISH ON GWB WALLS	
LAW	WOMEN TLT	49	16	STIPPLE FINISH ON GWB WALLS	
LAW	MEN TLT	50	17	CER TILE FLOOR- GROUT, MORTAR AND ADHESIVE	
LAW	MEN TLT	51	17	CER TILE FLOOR- GROUT, MORTAR AND ADHESIVE	
LAW	MEN TLT	52	17	CER TILE FLOOR- GROUT, MORTAR AND ADHESIVE	
LAW	UTILITY CLOSET	53	18	FT-3 AND ADHESIVE	
LAW	UTILITY CLOSET	54	18	FT-3 AND ADHESIVE	
LAW	UTILITY CLOSET	55	18	FT-3 AND ADHESIVE	
LAW	UTILITY CLOSET	56	19	GYPSUM WALLBOARD AND JOINT COMPOUND	
LAW	MEN TLT	57	19	GYPSUM WALLBOARD AND JOINT COMPOUND	
LAW	UTILITY CLOSET	58	19	GYPSUM WALLBOARD AND JOINT COMPOUND	
TRAILER	ROOF	59	20	SHINGLES AND FELT	
TRAILER	ROOF	60	20	SHINGLES AND FELT	

SAMPLES RELINQUISHED BY _____ DATE 7.22.24

SAMPLES RECEIVED BY _____ DATE _____

PLM ANALYSIS REQUESTED: EPA/600/R-93/116 CVE (reporting limit to <1%) TAT REQUESTED: 1 WEEK EMAIL RESULTS TO: tseenvironmental@charter.net

OrderID: 412408325

8325

BULK SAMPLE COLLECTION SHEET- SUSPECT MATERIALS

TSE ENVIRONMENTAL, LLC.
P.O. BOX 2628, CARROLLTON, GA 30112
PH (770)328-5133

PROJECT NAME/ADDRESS: REPLACE JONES POINT TRAILER, NPS JELA, NEW ORLEANS, LA

BLDG	LOCATION/AREA	SAMPLE #	HA #	MATERIAL DESCRIPTION	COMMENTS
TRAILER	ROOF	61	20	SHINGLES AND FELT	
TRAILER	ROOM 6	62	21	FT-4 AND YELLOW ADHESIVE	
TRAILER	ROOM 6	63	21	FT-4 AND YELLOW ADHESIVE	
TRAILER	ROOM 6	64	21	FT-4 AND YELLOW ADHESIVE	
TRAILER	ROOM 2	65	22	GYPSUM WALLBOARD WALLS (NO JC OBSERVED)	
TRAILER	ROOM 6	66	22	GYPSUM WALLBOARD WALLS (NO JC OBSERVED)	
TRAILER	ROOM 4	67	22	GYPSUM WALLBOARD WALLS (NO JC OBSERVED)	
TRAILER	ROOM 6	68	23	STIPPLE FINISH ON GWB CEILNGS	
TRAILER	ROOM 6	69	23	STIPPLE FINISH ON GWB CEILNGS	
TRAILER	ROOM 6	70	23	STIPPLE FINISH ON GWB CEILNGS	
TRAILER	ROOM 2	71	23	STIPPLE FINISH ON GWB CEILNGS	
TRAILER	ROOM 2	72	23	STIPPLE FINISH ON GWB CEILNGS	
TRAILER	ROOM 6	73	24	CAULK AT CENTER CONNECTOR AT CEILING	
TRAILER	ROOM 6	74	24	CAULK AT CENTER CONNECTOR AT CEILING	
TRAILER	ROOM 6	75	24	CAULK AT CENTER CONNECTOR AT CEILING	

SAMPLES RELINQUISHED BY _____ DATE 7.22.24

SAMPLES RECEIVED BY _____ DATE _____

PLM ANALYSIS REQUESTED: EPA/600/R-93/116 CVE (reporting limit to <1%) TAT REQUESTED: 1 WEEK EMAIL RESULTS TO: tseenvironmental@charter.net

OrderID: 412408325

8325

BULK SAMPLE COLLECTION SHEET- SUSPECT MATERIALS

TSE ENVIRONMENTAL, LLC.
P.O. BOX 2628, CARROLLTON, GA 30112
PH (770)328-5133

PROJECT NAME/ADDRESS: REPLACE JONES POINT TRAILER, NPS JELA, NEW ORLEANS, LA

PAGE 6 OF 6 .

BLDG	LOCATION/AREA	SAMPLE #	HA #	MATERIAL DESCRIPTION	COMMENTS
TRAILER	EXTERIOR	76	25	DF TO WALL CAULK	
TRAILER	EXTERIOR	77	25	DF TO WALL CAULK	
TRAILER	EXTERIOR	78	25	DF TO WALL CAULK	
TRAILER	UNDERNEATH	79	26	BLACK TAR-TYPE COATING ON STEEL FRAME SUPPORT	
TRAILER	UNDERNEATH	80	26	BLACK TAR-TYPE COATING ON STEEL FRAME SUPPORT	
TRAILER	UNDERNEATH	81	26	BLACK TAR-TYPE COATING ON STEEL FRAME SUPPORT	
TRAILER	ROOM 2	82	27	CARPET ADHESIVE- YELLOW	
TRAILER	ROOM 2	83	27	CARPET ADHESIVE- YELLOW	
TRAILER	ROOM 2	84	27	CARPET ADHESIVE- YELLOW	
TRAILER	ROOM 2	85	28	COVE BASE AND ADHESIVE	
TRAILER	ROOM 2	86	28	COVE BASE AND ADHESIVE	
TRAILER	ROOM 2	87	28	COVE BASE AND ADHESIVE	
EDUCATION	OBSERVATION AREA	88	29	RUBBER STEP TREAD AND ADHESIVE	
EDUCATION	OBSERVATION AREA	89	29	RUBBER STEP TREAD AND ADHESIVE	
EDUCATION	OBSERVATION AREA	90	29	RUBBER STEP TREAD AND ADHESIVE	

SAMPLES RELINQUISHED BY Scott B [signature] DATE 7.22.24

SAMPLES RECEIVED BY _____ DATE _____

PLM ANALYSIS REQUESTED: EPA/600/R-93/116 CVE (reporting limit to <1%) TAT REQUESTED: 1 WEEK EMAIL RESULTS TO: tseenvironmental@charter.net

OrderID: 412408325

APPENDIX B

LABORATORY ANALYTICAL RESULTS- LEAD IN PAINT

EMSL Analytical, Inc.

10801 Southern Loop Blvd, Pineville, NC, 28134
Telephone: (704) 525-2205 Fax:(704) 525-2382
EMSL-CT-41

EMSL Order ID: 412450014
LIMS Reference ID: LC50014
EMSL Customer ID: TSEE85

Attention: TSE Environmental
TSE Environmental LLC [TSEE85]
PO Box 2628
Carrollton, GA 30112
(770) 328-5133
tseenvironmental@charter.net

Project Name: Replace Jones Point Trailer, NPS Jela, New Orleans, LA

Customer PO:
EMSL Sales Rep: Sheryl Steinmetz
Received: 07/23/2024 09:00
Reported: 07/27/2024 09:31

Analytical Results

Analyte	Results	RL	Weight(g)	Prep Date & Tech	Prep Method	Analysis Date & Analyst	Analytical Method	Q	DF
Client Sample ID: L-1/Education Bldg./ Storage/ White-GWB								**Date Sampled: 07/22/24**	
Matrix: Chips								**LIMS Reference ID: LC50014-01**	
Lead	<0.008 % wt	0.008 % wt	0.261	07/26/24 KG2	SW-846 3050B	07/26/24 EH	SW 846-7000B		1
Sample Comments:									
Client Sample ID: L-2/Education Bldg./ Ranger Office/ Green Epoxy Flooring								**Date Sampled: 07/22/24**	
Matrix: Chips								**LIMS Reference ID: LC50014-02**	
Lead	<0.008 % wt	0.008 % wt	0.3152	07/26/24 KG2	SW-846 3050B	07/26/24 EH	SW 846-7000B		1
Sample Comments:									
Client Sample ID: L-3/Education Bldg./ Storage/ Greyish Brown-Wood D/DF								**Date Sampled: 07/22/24**	
Matrix: Chips								**LIMS Reference ID: LC50014-03**	
Lead	<0.008 % wt	0.008 % wt	0.2803	07/26/24 KG2	SW-846 3050B	07/26/24 EH	SW 846-7000B		1
Sample Comments:									
Client Sample ID: L-4/Education Bldg./ Kitchen/ Tan-GWB								**Date Sampled: 07/22/24**	
Matrix: Chips								**LIMS Reference ID: LC50014-04**	
Lead	<0.008 % wt	0.008 % wt	0.2653	07/26/24 KG2	SW-846 3050B	07/26/24 EH	SW 846-7000B		1
Sample Comments:									
Client Sample ID: L-5/VC/Admin Bldg./ Storage Closet/ White-GWB								**Date Sampled: 07/22/24**	
Matrix: Chips								**LIMS Reference ID: LC50014-05**	
Lead	<0.008 % wt	0.008 % wt	0.3025	07/26/24 KG2	SW-846 3050B	07/26/24 EH	SW 846-7000B		1
Sample Comments:									
Client Sample ID: L-6/VC/Admin Bldg./ Int Toilet/ Dark Brown-Metal DF								**Date Sampled: 07/22/24**	
Matrix: Chips								**LIMS Reference ID: LC50014-06**	
Lead	0.046 % wt	0.008 % wt	0.2531	07/26/24 KG2	SW-846 3050B	07/26/24 EH	SW 846-7000B		1
Sample Comments:									
Client Sample ID: L-7/VC/Admin Bldg./ Int Toilet/ Beige Wallpaper								**Date Sampled: 07/22/24**	
Matrix: Chips								**LIMS Reference ID: LC50014-07**	
Lead	<0.008 % wt	0.008 % wt	0.344	07/26/24 KG2	SW-846 3050B	07/26/24 EH	SW 846-7000B		1
Sample Comments:									
Client Sample ID: L-8/Law Bldg./ Entry Door to Toilets/ Green-Door								**Date Sampled: 07/22/24**	
Matrix: Chips								**LIMS Reference ID: LC50014-08**	
Lead	<0.008 % wt	0.008 % wt	0.3035	07/26/24 KG2	SW-846 3050B	07/26/24 EH	SW 846-7000B		1
Sample Comments:									
Client Sample ID: L-9/Law Bldg./ Entry Door to Toilets/ Black-Door Frame								**Date Sampled: 07/22/24**	
Matrix: Chips								**LIMS Reference ID: LC50014-09**	
Lead	0.008 % wt	0.008 % wt	0.25	07/26/24 KG2	SW-846 3050B	07/26/24 EH	SW 846-7000B		1
Sample Comments:									

EMSL Analytical, Inc.

10801 Southern Loop Blvd, Pineville, NC, 28134
Telephone: (704) 525-2205 Fax:(704) 525-2382
EMSL-CT-41

EMSL Order ID: 412450014
LIMS Reference ID: LC50014
EMSL Customer ID: TSEE85

Attention: TSE Environmental
TSE Environmental LLC [TSEE85]
PO Box 2628
Carrollton, GA 30112
(770) 328-5133
tseenvironmental@charter.net

Project Name: Replace Jones Point Trailer, NPS Jela, New Orleans, LA
Customer PO:
EMSL Sales Rep: Sheryl Steinmetz
Received: 07/23/2024 09:00
Reported: 07/27/2024 09:31

Analytical Results (Continued)

Analyte	Results	RL	Weight(g)	Prep Date & Tech	Prep Method	Analysis Date & Analyst	Analytical Method	Q	DF
Client Sample ID: L-10/Law Bldg./ Utility Closet/ White-GWB								**Date Sampled: 07/22/24**	
Matrix: Chips								**LIMS Reference ID: LC50014-10**	
Lead	<0.008 % wt	0.008 % wt	0.2636	07/26/24 KG2	SW-846 3050B	07/26/24 EH	SW 846-7000B		1
Sample Comments:									
Client Sample ID: L-11/Law Bldg./ Ext at Toilets/ Light Grey-Wood Siding								**Date Sampled: 07/22/24**	
Matrix: Chips								**LIMS Reference ID: LC50014-11**	
Lead	<0.008 % wt	0.008 % wt	0.2681	07/26/24 KG2	SW-846 3050B	07/26/24 EH	SW 846-7000B		1
Sample Comments:									
Client Sample ID: L-12/Trailer Bldg./ Int-Room 4/ White-GWB Walls								**Date Sampled: 07/22/24**	
Matrix: Chips								**LIMS Reference ID: LC50014-12**	
Lead	<0.008 % wt	0.008 % wt	0.2704	07/26/24 KG2	SW-846 3050B	07/26/24 EH	SW 846-7000B		1
Sample Comments:									
Client Sample ID: L-13/Trailer Bldg./ Exterior/ Cream-Metal Siding								**Date Sampled: 07/22/24**	
Matrix: Chips								**LIMS Reference ID: LC50014-13**	
Lead	0.067 % wt	0.008 % wt	0.2812	07/26/24 KG2	SW-846 3050B	07/26/24 EH	SW 846-7000B		1
Sample Comments:									
Client Sample ID: L-14/Trailer Bldg./ Exterior/ Green-Metal Fascia/Trim/D/DF								**Date Sampled: 07/22/24**	
Matrix: Chips								**LIMS Reference ID: LC50014-14**	
Lead	<0.34 % wt	0.34 % wt	0.0059	07/26/24 KG2	SW-846 3050B	07/26/24 EH	SW 846-7000B		1
Sample Comments:									
Client Sample ID: L-15/Education Bldg./ Library/ Cream-Int Windows and Metal Post								**Date Sampled: 07/22/24**	
Matrix: Chips								**LIMS Reference ID: LC50014-15**	
Lead	<0.008 % wt	0.008 % wt	0.2908	07/26/24 KG2	SW-846 3050B	07/26/24 EH	SW 846-7000B		1
Sample Comments:									
Client Sample ID: L-16/Education Bldg./ Int/Ext Siding/ Light Grey-Wood Siding								**Date Sampled: 07/22/24**	
Matrix: Chips								**LIMS Reference ID: LC50014-16**	
Lead	<0.008 % wt	0.008 % wt	0.2724	07/26/24 KG2	SW-846 3050B	07/26/24 EH	SW 846-7000B		1
Sample Comments:									

EMSL Analytical, Inc.

10801 Southern Loop Blvd, Pineville, NC, 28134
Telephone: (704) 525-2205 Fax:(704) 525-2382
EMSL-CT-41

EMSL Order ID: 412450014
LIMS Reference ID: LC50014
EMSL Customer ID: TSEE85

Attention: TSE Environmental
TSE Environmental LLC [TSEE85]
PO Box 2628
Carrollton, GA 30112
(770) 328-5133
tseenvironmental@charter.net

Project Name: Replace Jones Point Trailer, NPS Jela, New Orleans, LA

Customer PO:
EMSL Sales Rep: Sheryl Steinmetz
Received: 07/23/2024 09:00
Reported: 07/27/2024 09:31

Certified Analyses included in this Report

Analyte	Certifications
SW 846-7000B in Chips	
Lead	41-AIHA EMLAP

List of Certifications

Code	Description	Number	Expires
41-AIHA EMLAP	American Industrial Hygiene Association (AIHA-LAP) - EMLAP	192283	09/01/2024
41-AIHA IHLAP	American Industrial Hygiene Association (AIHA-LAP) - IHLAP	192283	09/01/2024

Please see the specific Field of Testing (FOT) on www.emsl.com <http://www.emsl.com> for a complete listing of parameters for which EMSL is certified.

Notes and Definitions

Item	Definition
(Dig)	For metals analysis, sample was digested.
[2C]	Reported from the second channel in dual column analysis.
DF	Dilution Factor
MDL	Method Detection Limit.
ND	Analyte was NOT DETECTED at or above the detection limit.
Q	Qualifier
RL	Reporting Limit
Wet	Sample is not dry weight corrected.

Measurement of uncertainty and any applicable definitions of method modifications are available upon request. Per EPA NLLAP policy, sample results are not blank corrected.



Aaron Hartley Laboratory Manager or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. 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 or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. QC sample results are within quality control criteria and met method specifications unless otherwise noted. All results for soil samples are reported on a dry weight basis, unless otherwise noted.

Analysis following EMSL SOP for the Determination of Environmental Lead by FLAA. The laboratory has a reporting limit of 0.008% by wt., based upon a minimum sample weight of 0.25g submitted to the lab, and is not responsible for any result or reporting limit provided in mg/cm2 since it is dependent upon an area value provided by non-lab personnel. A "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty and definitions of modifications are available upon request. Results in this report are not blank corrected unless specified.

LC500114

PAINT CHIP BULK SAMPLE SHEET

TSE ENVIRONMENTAL, LLC.
P.O. BOX 2628, CARROLLTON, GA 30112
PH (770) 328-5133

PROJECT NAME/ADDRESS: REPLACE JONES POINT TRAILER, NPS JELA, NEW ORLEANS, LA

BLDG	LOCATION/AREA	SAMPLE #	SURFACE COLOR/ COMPONENT DESCRIPTION	COMMENTS
EDUCATION	STORAGE	L-1	WHITE- GWB	
EDUCATION	RANGER OFFICE	L-2	GREEN EPOXY FLOORING	
EDUCATION	STORAGE	L-3	GREYISH BROWN- WOOD D/DF	
EDUCATION	KITCHEN	L-4	TAN- GWB	
VC/ADMIN	STORAGE CLOSET	L-5	WHITE- GWB	
VC/ADMIN	INT TOILET	L-6	DARK BROWN- METAL DF	
VC/ADMIN	INT TOILET	L-7	BEIGE WALLPAPER	
LAW	ENTRY DOOR TO TOILETS	L-8	GREEN- DOOR	
LAW	ENTRY DOOR TO TOILETS	L-9	BLACK- DOOR FRAME	
LAW	UTILITY CLOSET	L-10	WHITE- GWB	
LAW	EXT AT TOILETS	L-11	LIGHT GREY- WOOD SIDING	
TRAILER	INT- ROOM 4	L-12	WHITE- GWB WALLS	
TRAILER	EXTERIOR	L-13	CREAM- METAL SIDING	
TRAILER	EXTERIOR	L-14	GREEN- METAL FASCIA/TRIM/D/DF	
EDUCATION	LIBRARY	L-15	CREAM- INT WINDOWS AND METAL POST	
EDUCATION	INT/EXT SIDING	L-16	LIGHT GREY- WOOD SIDING	

SAMPLES RELINQUISHED BY Scott B [signature] DATE 7.22.24

SAMPLES RECEIVED BY EMSL - [signature] DATE 7/23/24 9AM Fx

TYPE ANALYSIS REQUESTED: SW846-7000B FAA TAT TIME REQUESTED: 1 WEEK PLEASE EMAIL RESULTS TO tseenvironmental@charter.net

7775 4522 9611

APPENDIX C

PERSONNEL AND LABORATORY ACCREDITATIONS

STATE OF LOUISIANA

DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Scott B Johnson

Has complied with all requirements of the Louisiana Department of Environmental Quality and is authorized to perform the duties of

Asbestos Inspector

Accreditation No. **JI122863**

AI No. **122863**

Date of Issuance **June 20, 2024**

Expiration **June 22, 2025**

Failure to comply with all applicable provisions of La. R.S. 2025.E. (1)(a) and La. R.S. 2025.F. (2)(a) may result in civil and/or criminal enforcement actions by the State.

Charles Finley

Permit Support Services Division
Office of Environmental Services

The Environmental Institute

Scott B. Johnson

TSE Environmental - P.O. Box 2628, Carrollton, GA 30112

Has completed 8 hours of coursework and satisfactorily passed the hands-on skills assessment and an examination that meets training criteria in accordance with requirements for Lead-Based Paint Activities in Target Housing and Child-Occupied Facilities as regulated by Georgia DNR/EPD Chapter 391-3-24 and U. S. EPA TSCA 40 CFR Part 745 for the refresher course titled

Lead Risk Assessor Refresher

January 31, 2024
Course Date

January 31, 2024
Examination Date

January 31, 2026
Georgia Expiration Date

January 31, 2027
EPA Expiration Date

2052
Certificate Number



Bonnie B. Maurras - Principal Instructor /Training Manager

(Approved by the ABIH Certification Maintenance Committee for 1 CM point - Approval #11-584)

Georgia Accreditation #20-0799-006SR - September 21, 1999; Alabama Re-Accreditation #SS-2210-LBPTPR-01

TEI - 1395 S. Marietta Pkwy, Bldg. 100, Suite 124, Marietta, GA 30067 (770) 427-3600 www.tei-atl.com

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

Is hereby granting a Louisiana Environmental Laboratory Accreditation to

EMSL Analytical Inc Pineville NC
10801 Southern Loop Blvd
Pineville, North Carolina 28134

Agency Interest No. 228797
Activity No. ACC20230001

According to the Louisiana Administrative Code, Title 33, Part I, Subpart 3, LABORATORY ACCREDITATION, the State of Louisiana formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed in the attachment.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part I, Subpart 3 requirements and acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part I. Please contact the Department of Environmental Quality, Louisiana Environmental Laboratory Accreditation Program (LELAP) to verify the laboratory's scope of accreditation and accreditation status.

Accreditation by the State of Louisiana is not an endorsement or a guarantee of validity of the data generated by the laboratory. Accreditation of the environmental laboratory does not imply that a product, process, system, or person is approved by LELAP. To be accredited initially and maintain accreditation, the laboratory agrees to participate in two single-blind, single-concentration PT studies, where available, per year for each field of testing for which it seeks accreditation or maintains accreditation as required in LAC 33:I.4711.

Tonya Landry
Administrator
Public Participation and Permit Support Division

Issued Date: 6/18/2024

Effective Date: July 1, 2024
Expiration Date: June 30, 2025
Certificate Number: 05108

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

Effective Date: July 1, 2024

EMSL Analytical Inc Pineville NC
AI Number: 228797
Activity No. ACC20230001
Expiration Date: June 30, 2025

10801 Southern Loop Blvd, Pineville, North Carolina 28134

Certificate Number: 05108

Air Emissions

Analyte	Method Name	Method Code	Type	AB
1520 - Asbestos	40 CFR Part 763, Subpart E, Appendix A (Mandatory TEM)	2062	ISO 17025	NVLAP
100683 - Fungal - Direct Examination (Air)	EMSL Micro-SOP-201	9321	AIHA Policy Module	AIHA
1075 - Lead	NIOSH 7082, Rev.2	90012230	NLLAP	AIHA

Non Potable Water

Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
100095 - Asbestos in Bulk Insulation	40 CFR 763, Subpart E, Appendix E (Section 1.PLM)	2004	ISO 17025	NVLAP
100681 - Fungal - Direct Examination (Bulk)	EMSL Micro-SOP-200	9322	AIHA Policy Module	AIHA
100682 - Fungal - Direct Examination (Surface)	EMSL Micro-SOP-200	9322	AIHA Policy Module	AIHA
1075 - Lead	EPA 3050	10135203	NLLAP	AIHA
1075 - Lead	EPA 7000	10157401	NLLAP	AIHA
1075 - Lead	EPA 7000B	10157707	NLLAP	AIHA
100231 - Lead in Paint	EPA 7000B	10157707	NLLAP	AIHA
100233 - Lead in Soil	EPA 7000B	10157707	NLLAP	AIHA
100232 - Lead in Wipes	EPA 7000B	10157707	NLLAP	AIHA
1520 - Asbestos	EPA 600/R-93/116	10294583	ISO 17025	NVLAP
100791 - Asbestos in Bulk Building Materials	EPA 600/R-93/116	10294583	ISO 17025	NVLAP

Biological Tissue

Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

EMSL Analytical Inc Pineville NC
AI Number: 228797
Activity No. ACC20230001
Expiration Date: June 30, 2025

Effective Date: July 1, 2024

10801 Southern Loop Blvd, Pineville, North Carolina 28134

Certificate Number: 05108

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

United States Department of Commerce
National Institute of Standards and Technology

Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 200841-0

EMSL Analytical, Inc.

Pineville, NC

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

Asbestos Fiber Analysis

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique on ISO/IEC 17025).

2024-07-01 through 2025-06-30

Effective Dates

For the National Voluntary Laboratory Accreditation Program

National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EMSL Analytical, Inc.
10801 Southern Loop Blvd.
Pineville, NC 28134
Mr. Lee Plumley
Phone: 704-525-2205 Fax: 704-525-2382
Email: lplumley@emsl.com
http://www.emsl.com

ASBESTOS FIBER ANALYSIS — NVLAP LAB CODE 200841-0

Bulk Asbestos Analysis

Code	*Description*
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

Code	*Description*
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

For the National Voluntary Laboratory Accreditation Program

AIHA Laboratory Accreditation Programs, LLC

acknowledges that

EMSL Analytical, Inc.

10801 Southern Loop Blvd., Pineville, NC 28134

Laboratory ID: LAP-192283

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA LAP), LLC accreditation to the ISO/IEC 17025:2017 international standard, General Requirements for the Competence of Testing and Calibration Laboratories in the following:

LABORATORY ACCREDITATION PROGRAMS

☑	**INDUSTRIAL HYGIENE**	Accreditation Expires: September 01, 2024
☑	**ENVIRONMENTAL LEAD**	Accreditation Expires: September 01, 2024
☑	**ENVIRONMENTAL MICROBIOLOGY**	Accreditation Expires: September 01, 2024
☐	**FOOD**	Accreditation Expires:
☐	**UNIQUE SCOPES**	Accreditation Expires:

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached Scope of Accreditation. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025:2017 and AIHA LAP, LLC requirements. This certificate is not valid without the attached Scope of Accreditation. Please review the AIHA LAP, LLC website (www.aihaaccreditedlabs.org) for the most current Scope.

Cheryl O. Morton

Cheryl O Morton
Managing Director, AIHA Laboratory Accreditation Programs, LLC

Revision20: 06/07/2022

Date Issued: 09/01/2022

AIHA Laboratory Accreditation Programs, LLC

SCOPE OF ACCREDITATION

EMSL Analytical, Inc.
10801 Southern Loop Blvd., Pineville, NC 28134

Laboratory ID: LAP-192283
Issue Date: 12/19/2022

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory's current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or withdrawal of accreditation.

The EPA recognizes the AIHA LAP, LLC ELLAP program as meeting the requirements of the National Lead Laboratory Accreditation Program (NLLAP) established under Title X of the Residential Lead-Based Paint Hazard Reduction Act of 1992 and includes paint, soil and dust wipe analysis. Air and composited wipes analyses are not included as part of the NLLAP.

Environmental Lead Laboratory Accreditation Program (ELLAP)

Initial Accreditation Date: 11/01/2013

Component, parameter or characteristic tested	Technology sub-type/Detector	Method	Method Description *(for internal methods only)*
Paint	AA	EPA SW-846 3050B	N/A
		EPA SW-846 7000B	N/A
Settled Dust by Wipe	AA	EPA SW-846 3050B	N/A
		EPA SW-846 7000B	N/A
Soil	AA	EPA SW-846 3050B	N/A
		EPA SW-846 7000B	N/A

A complete listing of currently accredited ELLAP laboratories is available on the AIHA LAP, LLC website at: *http://www.aihaaccreditedlabs.org*