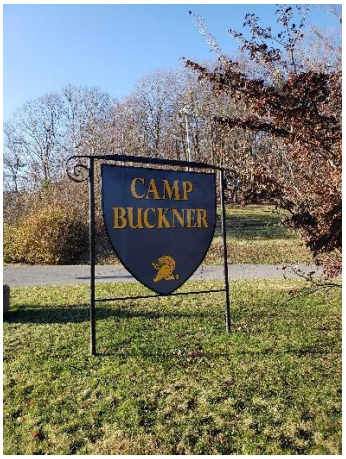
LIMITED HAZARDOUS MATERIALS SURVEY
CAMP BUCKNER REVITALIZATION
USMA MILITARY RESERVATION
HIGHLAND MILLS, NY
Contract #: W912-DS-18-AE-0007
Task Order #: W912-DS-19-F00XX



Prepared for:

JACOBS / EwingCole, A Joint Venture

9191 South Jamaica Street
Englewood, CO 80112

Submitted by:

Global Consulting, Inc.
6401 Golden Triangle Drive, Suite 304
Greenbelt, MD 20770
Telephone: (202) 832-1433

December 26, 2019

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ATTACHMENTS:

EXECUTIVE SUMMARY

The United States Army Corps of Engineers, New York, retained Jacobs/Ewing Cole, A Joint Venture (JV) to provide Architect-Engineering Services in support of the Camp Buckner Revitalization. The Joint Venture retained Global Consulting, Inc. (GCI) to perform the hazardous materials survey of randomly-selected barracks slated for future renovation phases at Camp Buckner (the Facility) located on the United States Military Academy's Military Reservation located in Highland Mills, New York, 10930.

The barracks were built in phases between the years of 1943 and the 1960s. GCI was provided information that Phase 1 (1600 Buildings) were constructed in 1972, whereas Phases 2-4 (1500 Buildings) were built in 1965/pre-1965. Each barrack is approximately 2,400 SF in size. The barracks are occupied approximately six weeks per year by Freshman Cadets (approximately 40 cadets/barrack). Each single level barracks consists of an elevated concrete slab, an original bathroom, a more recently created restroom designed for female cadets, and in some instances, an Arms Room. The roofs consisted of different materials (corrugated metal, shingles, etc.) With the exception of a few Arms Rooms, all barracks were made accessible for inspection. Roofing components were excluded from the survey as roofers were not present to repair the penetrations. Any membranes, sealants, flashing, etc, may contain asbestos, and the roofs should be assumed to be asbestos-containing.

Two buildings per renovation phase (1-4) were selected at random. This report documents the inspection of randomly-selected barracks of the Facility, conducted between the dates of November 13 and 14, 2019, by licensed, certified, and experienced inspectors for the following hazardous materials: asbestos-containing material (ACM), lead-based paint (LBP), mold, polychlorinated biphenyls (PCBs), and other potentially hazardous materials.

Asbestos:

The purpose of the asbestos survey was to identify the locations and quantities of asbestos-containing materials (ACM - materials with an asbestos content greater than 1%) that may be impacted by renovation/demolition activities.

Bulk samples of suspect ACMs were collected by GCI's EPA-accredited, New York-licensed Asbestos Hazard Emergency Response Act (AHERA) Inspector, Mr. Gary E. Wyrwa (NYSDOL Cert# 90-03929). Samples were submitted to AmeriSci Richmond, in Midlothian, Virginia, a New York State Department of Health-certified laboratory for analysis of asbestos content.

The following materials were positively-identified as **ACM** by laboratory analysis:

- Exterior vapor barrier of Building 1516 (approx. quantity: 320 linear feet (LF))
- Exterior caulk of Building 1516 (approx. quantity: 300 LF)
- Exterior silver paint from the roof of Building 1516, 1503, and 1520 (unknown quantity)
- Exterior gray caulk of Building 1520 (approx. quantity: 300 LF)
- Exterior cloth vapor barrier of Building 1520 (approx. quantity: 320 LF)

The following building materials were not sampled (or were not fully sampled) due to sampling limitations and/or out of concern that sampling may compromise the integrity of the substrate/structure, and are **Presumed Asbestos-Containing Materials (PACM**):

- Roofing materials (excluded from the survey)
- Possible mastic patties behind the mirrors in restrooms
- Possible pipe insulation inside pipe chases of restrooms

All asbestos-containing materials with the potential to be impacted by the renovation should be abated in accordance with all applicable federal, state, and local regulations. The abatement shall be conducted in accordance with New York State Industrial Code Rule (ICR) 56. Project design specifications should include removal and disposal of all identified ACMs that are anticipated to be impacted by the proposed project.

If additional suspect materials are identified during demolition/renovation that will be disturbed by the proposed work, and they have not been analyzed for asbestos content, these materials should be protected from disturbance until further investigated, sampled, and analyzed.

Lead-Based Paint:

GCI's Lead Risk Assessor assessed the Facility for the presence of Lead-Based Paint (LBP) materials between the dates of November 13 and 14, 2019, using an X-Ray Fluorescence (XRF) Analyzer.

Lead-based paint (LBP) is defined by New York Local Law #1 as painted surfaces that contain greater than 1.0 mg/cm^2 of lead. Components/Paints with greater than 0.009% lead by weight are Lead-Containing Paint (LCP). Inconclusive XRF readings were followed up with a paint chip sample submitted to a laboratory for analysis to confirm the result.

The following materials were found to contain LBP by XRF detection:

- Structural columns and beams in the 1500 buildings
- Slop sinks in men's rooms in both 1500 & 1600 buildings
- Yellow toilet doors/partitions in women's rooms in both 1500 & 1600 buildings
- Yellow paint on exterior step/stairs in both 1500 & 1600 buildings
- Gray paint on gate door in arms room of Building 1612

Many materials were found to contain LCP by XRF detection and/or paint chip analysis. These materials are described in Section 3.3 LBP Inspection Results.

When components with LBP or LCP are disturbed during renovation/demolition, they should be managed in accordance with applicable Federal, state, and local regulations.

Mold

GCI's New York State-licensed mold inspector, Mr. Michael Vollo, License # MA00871 conducted a mold inspection of the Facility. GCI found evidence of apparent microbial growth in the cadet showers.

Air testing was conducted in areas where apparent microbial growth was identified. Mold spores were detected in concentrations greater than that of outdoor ambient samples. This can likely be attributed to cold weather conditions and a lack of moisture at the time of the inspection. Areas with visible apparent microbial growth should be remediated and repaired in accordance with New York state laws and U.S. Army guidelines.

Polychlorinated Biphenyls (PCBs)

The EPA and NYS DEC considers a material to be PCB-containing if it contains equal to or greater than 50 parts per million (ppm) of PCBs. Laboratory analysis (Method 8082) by ALS Laboratory Group in Salt Lake City, Utah, confirmed that none of the three bulk window caulk samples contained detectable concentrations of PCBs.

GCI noted approximately 17 light fixtures in each barrack. There is an elevated potential that PCB-containing light ballasts are present in those fixtures based on the age and type of fixtures observed.

Universal Wastes

Fluorescent lightbulbs may contain mercury and should be managed as Universal Waste. General Universal Wastes include batteries, pesticides, mercury-containing equipment and lamps. GCI noted approximately 34 lightbulbs in each barrack.

Fire Detection Systems and Fire Extinguishers

Smoke detectors, fire extinguishers, and/or fire alarms of varying ages were noted during GCI's inspection.

Self-Luminous EXIT Signs

Approximately three to four EXIT signs were noted in each barrack during GCI's inspection.

ACRONYMS

ACGIH	American Conference of Governmental Industrial Hygienists
ACM	Asbestos-Containing Material
AHERA	Asbestos Hazard Emergency Response Act
ASTM	American Society for Testing and Materials
CFR	Code of Federal Regulations
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
FDNY	Fire Department of New York
HUD	U.S. Department of Housing and Urban Development
ICR	Industrial Code Rule (New York)
JV	Joint Venture
LBP	Lead-Based Paint
LCP	Lead-Containing Paint
NFPA	National Fire Protection Association
NIOSH	National Institute of Occupational Safety and Health
NESHAP	National Emission Standards for Hazardous Air Pollutants
NOB	Non-Friable Organically Bound Material
NRC	U.S. Nuclear Regulatory Commission
NYSDEC	New York State Department of Environmental Conservation
NYSDOL	New York State Department of Labor
OSHA	Occupational Safety & Health Administration
PPM	Parts Per Million
PCM	Phase Contrast Microscopy
PCS	Performance Characteristic Sheet
PLM	Polarized Light Microscopy
PCB	Polychlorinated Biphenyl
PACM	Presumed Asbestos-Containing Material
RACM	Regulated Asbestos-Containing Material
RCRA	Resource Conservation and Recovery Act (RCRA)
SDS	Safety Data Sheet
TCLP	Toxic Characteristic Leaching Procedure
TG	Technical Guidelines (ARMY)
TEM	Transmission Electron Microscopy
TSCA	Toxic Substances Control Act
TSI	Thermal System Insulation
UW	Universal Waste
UWR	Universal Waste Rule
XRF	X-Ray Fluorescence

1.0 INTRODUCTION

The United States Army Corps of Engineers, New York, retained Jacobs/Ewing Cole, A Joint Venture (JV) to provide Architect-Engineering Services in support of the Camp Buckner Revitalization. The Joint Venture retained Global Consulting, Inc. (GCI) to perform the hazardous materials survey of randomly-selected barracks slated for future demolition at Camp Buckner (the Facility) located on the United States Military Academy's Military Reservation located in Highland Mills, New York, 10930. The mutual goal of the contractor and the government is to achieve a quality product, safely, within the expected timeframe and budget.

The purpose of the survey was to identify the location and quantity of asbestos-containing materials (ACM), lead-based paint (LBP), mold, polychlorinated biphenyls (PCBs), and other hazardous and regulated wastes that may be impacted by renovation/demolition activities.

The scope of work for the survey consisted of the following tasks:

1. Review of record plans for identified and suspect ACM and LBP that may be impacted by the scope of work;
2. Conduct a visual inspection of the project area to identify potential location(s) of hazardous materials that may be affected by the scope of work.
3. Collect bulk samples of suspect ACMs; Assess building components for LBP using an Olympus Vanta C Series XRF Analyzer; Investigate for mold growth by collecting swabs of microbial growth (where present) and air samples; Collect bulk samples of suspect PCB-containing materials; and Inventory other visible hazardous and regulated materials.
4. Submit the suspect ACM bulk samples to a certified laboratory for Polarized Light Microscopy (PLM) and/or Transmission Electron Microscopy (TEM) - where applicable; Download the Olympus Vanta C-Series XRF Analyzer results; Submit the mold swabs and air samples to a certified laboratory for analysis.; Submit the suspect PCB-containing samples to a certified laboratory for analysis.
5. Prepare a report summarizing data, collection techniques, analysis procedures, location and quantity of hazardous materials.
6. Provide basic recommendations for asbestos, lead, and mold regarding safe handling and disposal.

2.0 ASBESTOS INSPECTION REPORT

GCI inspected interior & exterior (excluding the roof) spaces within the selected buildings in West Point's Camp Buckner for the presence of suspect ACM between the dates of November 13 and 14, 2019. The site survey was completed by EPA-accredited Asbestos Hazard Emergency Response Act (AHERA) and New York State Department of Labor (NYSDOL)-certified asbestos inspector, Mr. Mr. Gary E. Wyrwa (NYSDOL Cert# 90-03929. A copy of Mr. Wyrwa's asbestos license is included in Attachment 10.

The analytical results of this asbestos inspection are presented in Attachment 1 and the sampling locations are presented on the drawings in Attachment 3. The Environmental Protection Agency (EPA) and the State of New York are the authorities that regulate activities related to asbestos-containing materials (ACMs) within the State of New York. The EPA regulations cover four asbestos activities; (1) removal, repair, or encapsulation of ACM, (2) approval of asbestos training providers, (3) regulation of persons accredited to perform asbestos-related activities, and (4) asbestos in schools. The EPA regulates the enforcement of the National Emission Standards for Hazardous Air Pollutants (NESHAP), and enforcement of the asbestos notification regulations.

2.1 SURVEY METHODOLOGY

The asbestos survey was divided into two distinct phases: pre-inspection planning and the inspection for ACM.

2.1.1 PRE-INSPECTION PLANNING

The pre-inspection planning phase includes reviewing previous inspection reports, management plans, and abatement reports, if available. The JV provided GCI with information regarding the planned use of the property. GCI planned an inspection strategy and coordinated the inspection work with the JV and Facility personnel. It was determined that this survey should include all accessible portions of the structures to ensure that intended demolition can be conducted in an efficient and safe manner compliant with applicable Federal, state, and local regulations.

2.1.2 FIELD INSPECTION

The inspection was conducted on an area-by-area basis as determined in the planning phase. GCI'S asbestos inspector identified materials considered to be suspect ACM according to AHERA protocols, unless otherwise specified.

As defined by AHERA, suspect ACM include the following building material types:

- Surfacing materials (e.g.: spray-applied or troweled-on fire proofing, plaster, etc.)
- Thermal System Insulation (TSI) (e.g.: Pipe insulation, boiler lagging, tank insulation, and duct insulation, etc.)
- Miscellaneous materials (e.g.: ceiling tiles, floor tiles & mastic, gaskets, fire doors, roofing systems, etc.)

Suspect materials that were homogeneous in nature (i.e., uniform in color and texture, installation date) were identified, touched to determine friability, and sampled by removing a small piece. Extreme care was taken to avoid potential fiber release during the inspection/sampling process. Before sample collection, a fine mist of water was typically applied to the sample site. Samples were collected using sharpened core samplers and/or razor knives, where necessary, and immediately placed in labeled containers and sealed. Any dust generated was wet-wiped to minimize the potential for fiber release.

Samples were collected in a randomly-distributed manner in accordance with AHERA provisions (40 CFR 763.86). The location, condition, and quantity of each homogeneous material were recorded in the inspector's log.

Several materials should be assumed asbestos-containing based on the age of the structure, and/or out of concern that sampling may compromise the integrity of the material, component, or system.

The following building materials were not sampled (or were not entirely sampled) due to sampling limitations and are presumed asbestos-containing materials (PACM):

- Possible mastic patties behind the mirrors in restrooms
- Possible pipe insulation inside pipe chases in restrooms
- Roofing materials (excluded from the survey)

The accessible suspect materials with the potential to be impacted by the renovation/ demolition activities were inspected, assessed, and sampled where possible.

2.2 ANALYTICAL PROCEDURES

The samples of suspect ACMs were packaged and delivered under strict chain of custody procedures to AmeriSci Richmond in Midlothian, Virginia. This laboratory is accredited by the New York State Department of Health (NY Lab ID# 10984). Laboratory accreditation documentation is provided in Attachment 11.

The Occupational Health and Safety Administration (OSHA) and the State of New York define an ACM as any material containing greater than 1% asbestos.

In accordance with New York Environmental Laboratory Accreditation Program (ELAP) protocol, samples in a homogeneous group were analyzed until either the entire group was analyzed (all the results are negative) or a positive result was obtained by Polarized Light Microscopy (PLM). Bulk sample analysis is accomplished by using a polarized light microscope equipped with dispersion staining. This method of analysis involves the staining of a suspect material in a solution of known refractive index and the subjection to illumination by polarized light. The resulting color display enables mineral identification. When a positive result occurs in a sample set for a homogeneous material, the remaining samples in the group are not analyzed.

Samples of non-friable organically bound (NOB) materials (i.e., mastics, caulks, etc.) found to be negative for asbestos by PLM analysis were re-analyzed by Transmission Electron Microscopy (TEM) until first positive or all samples were found to be negative.

Laboratory analytical results are provided as Attachment 1. A summary of field data including the sample designations, gross descriptions, and analytical results, including photos, are provided as Attachment 2.

2.3 INACCESSIBLE AND LIMITED-ACCESS SPACES

Every reasonable attempt was made to locate ACM, and to identify those ACM as Thermal System Insulation (TSI), surfacing material, or "other" miscellaneous materials. Inaccessible areas could be addressed only through extrapolation of conditions in accessible building spaces. Areas that were inaccessible, or where the survey was limited to visual observation only, are identified in this report's narrative. Hatches were investigated as feasible; some were sealed closed. Such inaccessible areas might include but are not limited to the those listed in Table 1: Description of Inaccessible Locations.

Table 1: Description of Inaccessible Locations	
Within walls	Inside the drywall/metal partition walls,
Enclosed pipe chases	Chases behind sinks/toilets/showers in restrooms
Above solid ceilings	Ceilings without access hatches
Elevated Spaces	Areas above a standard eight-foot ladder's reach

Limited access areas (i.e. beneath fixed walls, under wall-to-wall carpeting, or above fixed ceilings with small access hatches) were investigated as feasible, and, as a result, conclusions regarding the presence or absence of asbestos might be of limited accuracy.

2.4 SURVEY LIMITATIONS

All other suspect materials uncovered during renovation/demolition activities not identified within this report should be assumed asbestos-containing until bulk sampling and laboratory analysis confirm otherwise.

Roofing components were excluded from the scope of work as roofers were not present to patch holes. Roofs were not sampled (with the exception of silver roofing paint that had dripped from the roof down the side of the barrack(s)). The silver paint is asbestos-containing. All other roofing materials should be considered presumed asbestos-containing materials (PACM) and should be treated as ACM until sampling and laboratory analysis determine the asbestos content.

Due to survey limitations, not all barracks on the reservation were assessed for suspect materials. GCI's Asbestos Inspector collected samples from two barracks of each of the four renovation phases at random (Barracks 1611, 1612, 1509, 1523, 1516, 1520, 1508 and 1503.)

2.5 ASBESTOS INSPECTION RESULTS

A total of 180 bulk samples were collected from 60 homogeneous materials. Laboratory analytical data and chain of custody documentation of all bulk samples are provided as Attachment 1. A description of these materials and laboratory analytical results are

summarized in a table provided as Attachment 2. Sampling locations and positively-identified ACMs are illustrated on Drawings presented in Attachment 3.

Positively-identified asbestos-containing materials (ACM) and laboratory analytical results from the analysis of the samples are summarized in Table 2.

Table 2: Description of Positively-Identified ACM

Description	Sample #	Location	Asbestos Content	Photograph
PHASE 3 Exterior Vapor Barrier (Homogeneous area #32)	B1516-1114-B94	Building 1516/ Exterior	6.2% - 6.7% Chrysotile	
	B1516-1114-B95	Building 1516/ Exterior	Not Analyzed/ Positive Stop	
	B1516-1114-B96	Building 1516/ Exterior	Not Analyzed/ Positive Stop	
PHASE 3 Exterior Caulk (Homogeneous area #33)	B1516-1114-B97	Building 1516/ Exterior	4.0% - 5.9% Chrysotile	
	B1516-1114-B98	Building 1516/ Exterior	Not Analyzed/ Positive Stop	
	B1516-1114-B99	Building 1516/ Exterior	Not Analyzed/ Positive Stop	
PHASE 3 Exterior Silver Paint (Homogeneous area #34)	B1516-1114-B100	Building 1516/ Exterior	2.6% - 4.1% Chrysotile	
	B1516-1114-B101	Building 1516/ Exterior	Not Analyzed/ Positive Stop	
	B1516-1114-B102	Building 1516/ Exterior	Not Analyzed/ Positive Stop	
PHASE 3 Exterior Grey Caulk (Homogeneous area #39)	B1520-1114-B115	Building 1520/ Exterior	8.8% Chrysotile	
	B1520-1114-B116	Building 1520/ Exterior	Not Analyzed/ Positive Stop	
	B1520-1114-B117	Building 1520/ Exterior	Not Analyzed/ Positive Stop	

Table 2: Description of Positively-Identified ACM				
Description	**Sample #**	**Location**	**Asbestos Content**	**Photograph**
PHASE 3 Cloth Vapor Barrier (Homogeneous area #42)	B1520-1114-B124	Building 1520/ Exterior	7.8% Chrysotile	
	B1520-1114-B125	Building 1520/ Exterior	Not Analyzed/ Positive Stop	
	B1520-1114-B126	Building 1520/ Exterior	Not Analyzed/ Positive Stop	
PHASE 3 Exterior Silver Paint (Homogeneous area #44)	B1520-1114-B130	Building 1520/ Exterior	4.6% Chrysotile	
	B1520-1114-B131	Building 1520/ Exterior	Not Analyzed/ Positive Stop	
	B1520-1114-B132	Building 1520/ Exterior	Not Analyzed/ Positive Stop	
PHASE 2 Exterior Silver Paint (Homogeneous area #58)	B1503-1114-B173	Building 1503/ Exterior	4.4% Chrysotile	
	B1503-1114-B174	Building 1503/ Exterior	Not Analyzed/ Positive Stop	
	B1503-1114-B175	Building 1503/ Exterior	Not Analyzed/ Positive Stop	

Materials found to contain trace concentrations of asbestos (less than one percent (<1%)) and laboratory analytical results are summarized in Table 3.

Table 3: Description of Materials with Trace Asbestos (<1%)

Description	Sample #	Location	Asbestos Content	Photograph
PHASE 1 Exterior Caulk (Homogeneous area #06)	B1611-1113-B16	Building 1611/ Exterior	Anthophyllite Trace	
	B1611-1113-B17	Building 1611/ Exterior	Anthophyllite Trace	
	B1611-1113-B18	Building 1611/ Exterior	Anthophyllite Trace	
PHASE 3 Outer Wrap on Fiberglass (Homogeneous area #30)	B1516-1114-B88	Building 1516/ Various Locations	Chrysotile Trace	
	B1516-1114-B89	Building 1516/ Various Locations	None Detected	
	B1516-1114-B90	Building 1516/ Various Locations	None Detected	
Phase 3 Interior Yellow Paint (Homogeneous area #43)	B1520-1114-B127	Building 1520/ Throughout	None Detected	
	B1520-1114-B128	Building 1520/ Throughout	None Detected	
	B1520-1114-B129	Building 1520/ Throughout	Chrysotile Trace	

The following building materials were not sampled (or were not entirely sampled) due to sampling limitations and are **presumed asbestos-containing materials (PACM)**:

- Possible mastic patties behind the mirrors in restrooms
- Possible pipe insulation inside pipe chases in restrooms
- Roofing materials (excluded from the survey)

2.6 ASBESTOS CONCLUSIONS

Regulated asbestos-containing material (RACM) is defined as friable asbestos-containing material or non-friable asbestos-containing material (ACM) that will be, or has been, subjected to sanding, grinding, cutting, or abrading or has crumbled, pulverized, or

reduced to powder during demolition or renovation operations. Both presumed and positively-identified ACM should be treated as RACM.

RACM with the potential to be impacted by the renovation/demolition should be abated in accordance with all applicable federal, state and local regulations. The abatement shall be conducted in accordance with New York State ICR 56. Project design specifications should include removal and disposal of all assumed and positively-identified ACMs anticipated to be impacted by the proposed project.

Materials presented in Table 2 and in the list of PACM are RACM. Wherever these materials are found, they shall be removed in accordance with state and federal regulations.

Materials presented in Table 3 are materials with trace concentrations of asbestos (less than one percent (<1%) asbestos). Work practice requirements and prohibitions as stated in the Construction Asbestos Standard, 29 CFR 1926.1101, must be observed regardless of the exposure levels and of the percentage of asbestos in the materials.

Many materials sampled were non-detect for asbestos, and, therefore, those materials are not considered as ACM. General safety and health standards in construction may be used for their removal, demolition, and disposal.

As indicated in the survey limitations, physical bulk sampling was limited to Barracks 1611, 1612, 1509, 1523, 1516, 1520, 1508 and 1503. GCI opened ceiling hatches as feasible, but was limited to visual observation only. Based on the visual inspection conducted in additional Camp Buckner barracks, GCI's Asbestos Inspector made the determination that all the barracks of Phase 1 (1600 Buildings) and Phases 2-4 (1500 Buildings) were homogeneous in construction. The positive ACM results of our survey should be extrapolated to all barracks. The following asbestos assumptions should made of all barracks on the reservation:

- Any material that is homogeneous to the positively-identified asbestos-containing materials shall be considered an asbestos-containing material.

- Any material that is homogeneous with another type of material (material that was non-detect for asbestos or material with trace asbestos), may not be considered as such. Until further bulk sampling is performed, these materials are considered PACM and should be treated as ACM. (See note.)

Note: Without assessing and sampling each barrack, federal asbestos regulations prohibit an AHERA Asbestos Inspector from extrapolating non-asbestos-containing data to other buildings. Bulk sampling and laboratory analysis are the only means by which a material may be declared non-detect.

If additional suspect materials are identified during renovation/demolition that will be disturbed by the proposed work, and have not been tested to determine asbestos content, these materials, should be protected from impact until further investigated or treated as PACM.

All quantities must be field-verified by a licensed asbestos abatement contractor(s) prior to demolition or renovation.

2.7 ASBESTOS RECOMMENDATIONS

1. The abatement contractor shall note the project work involves asbestos removal. The contractor performing the asbestos removal shall be a licensed New York State Abatement Contractor. The persons performing the asbestos removal shall by New York State-certified asbestos handlers and shall comply with all applicable local, state, and federal laws, rules, and regulations as per https://www.health.ny.gov/environmental/indoors/asbestos/laws.htm
2. The abatement contractor shall verify the location of asbestos-containing materials, and any asbestos debris and/or contaminated materials that may be near the asbestos-containing materials. Removal of any asbestos-contaminated debris shall be a part of the asbestos project and be performed by certified persons.
3. It is the abatement contractor's responsibility to remove the asbestos-containing materials present on this project in accordance with New York State ICR 56 Regulations relative to a large-scale asbestos project.
4. Before the abatement meeting, the abatement contractor is required to submit to the Owner the following information:
    1) A valid asbestos handling license;
    2) Insurance coverage documentation;
    3) Emergency Contact Numbers;
    4) Asbestos Waste Hauler Documentation and copy of New York State Department of Environmental Conservation (NYSDEC) Part 364 permit;
    5) Name of EPA approved landfill as well as copies of all permits;
    6) Copies of NYSDOL Handlers and Supervisor certificates;
    7) Copies of all current respirator fit tests and medical exam certifications;
    8) NYSDOL, EPA Local (if applicable) notifications. Notifications must be in place a minimum of 10 days prior to the start of the job;
    9) Detailed project schedule (asbestos abatement) including all phases (mobilization, prep, removal, clearance.)

3.0 LEAD-BASED PAINT INSPECTION REPORT

The Facility was assessed for the presence of lead-based paint (LBP) materials between the dates of November 13 and 14, 2019. The survey was conducted by GCI's Lead Risk Assessor, Mr. Sameera Meegoda (EPA Certification #107953, DC License DC19-9473), and the results are presented in Section 3.3 LBP Inspection Results. Certifications and licensure are provided in Attachment 10.

3.1 LBP INSPECTION METHODOLOGY

Testing for LBP was conducted using an Olympus Vanta C-Series X-Ray Fluorescence (XRF) Analyzer (serial number 804122); hereto referred to as XRF. Prior to XRF analysis, the instrument was calibrated against reference standards of known lead concentrations. Doors, door frames, windows, window frames, window sills, walls, ceilings, pipes, and other miscellaneous painted surfaces and building materials were screened for LBP.

The XRF detects lead in the field by reading fluorescence emanating from a painted surface when exposed to small amounts of radiation. XRF readings are in milligrams per square centimeter (mg/cm^2), a mass per area unit. Prior to testing, the composition of the test building substrate (e.g., wood, metal, etc.) was determined by the lead inspector, and subsequently logged into the XRF analyzer. The XRF automatically performs a substrate correction to ensure that this factor does not result in false negative readings.

> **Lead-based paint** is defined by the State of New York as any paint, varnish, shellac, or other coating that contains lead greater than 1.0 mg/cm^2 as measured by XRF analysis. Lead-containing paint (LCP) is defined by EPA as any components /paints with greater than 0.009% lead by weight (90 parts per million).

At the end of each sampling session, a calibration re-check is performed to ensure that the instrument has maintained accuracy and precision during the measurement period. The instrument is also calibrated each time it is turned off, or on, and typically at four (4) hour intervals during the workday for the same reasons. The use of the XRF was in general accordance with the Performance Characteristic Sheet (PCS) methodology for the specific instrument. XRF instrument calibration checks were performed according to the PCS.

In addition to testing with an XRF, when results were inconclusive, paint chip samples were collected in accordance with New York and EPA regulations. Paint chip samples were analyzed by AMA Analytical at Lanham, MD.

3.2 LBP INSPECTION DATA

The XRF data was downloaded directly to a computer to generate a report detailing the date/time, materials sampled, location, substrate and lead content. The annotated and raw XRF data is presented in Attachment 4. Paint chip analytical results are presented in Attachment 5

3.3 LBP INSPECTION RESULTS

Most of the structures tested were found to be below the standard that indicates they are LBP according to the New York Department of Health.

The components found to contain LBP are summarized in Table 4.

Table 4: Description of Lead-Based Paint Surfaces			
Description/Location	**Assessment**		**Photo**
Structural Steel Columns and Beams	**Max. detected concentration**	66.5 mg/cm^2	
	Condition	Intact	
	Location	1500 buildings	
Slop Sinks in Men's Rooms	**Max. detected concentration**	24.9 mg/cm^2	
	Condition	Intact	
	Location	Both 1500 & 1600 buildings	
Yellow Toilet Doors/Partitions in Women's Rooms	**Max. detected concentration**	3.6 mg/cm^2	
	Condition	Intact	
	Location	Both 1500 & 1600 buildings	
Yellow Paint on Exterior Step/Stairs	**Max. detected concentration**	4.5 mg/cm^2	
	Condition	Deteriorated	
	Location	Both 1500 & 1600 buildings	
Gray Paint on Gate Door in Arms Room	**Max. detected concentration**	1.8 mg/cm^2	

Table 4: Description of Lead-Based Paint Surfaces			
Description/Location	**Assessment**		**Photo**
	Condition	Deteriorated	
	Location	Building 1612	

The following materials were found to contain LCP by XRF detection:

- Structural columns and beams in 1600 buildings
- Beige paint on walls (cinderblocks, drywall, and concrete wall base) in both 1500 & 1600 buildings
- Beige paint on metal walls and ceilings in both 1500 & 1600 buildings
- Beige paint on metal pipes (water lines & drain) in both 1500 & 1600 buildings
- Gray paint on metal doors in 1600 buildings
- Gray paint on metal door frames in 1600 buildings
- Light gray paint on corrugated metal walls
- White ceramic walls in both 1500 & 1600 buildings
- White paint on metal/drywall pipe chases behind sinks in Women's Rooms in both 1500 & 1600 buildings
- Silver, black, orange and red paints on exterior hand rails in both 1500 & 1600 buildings
- Gray paint on concrete floors in Building 1612
- Gray paint on exterior wooden trim at the bottom of the wall in Building 1509
- Skirting wall tiles in Men's Shower Rooms in 1600 buildings
- Gray/White paint on metal door frame (Exit/Entrance) in both 1500 & 1600 buildings
- Silver paint from the roof found on the exterior metal walls of Building 1516

Brief assessments, including photos, of LCP components are provided as Attachment 6.

3.4 LBP CONCLUSIONS AND RECOMMENDATIONS

Prior to demolition, the LBP materials should be characterized, sampled and managed in accordance with American Society for Testing and Materials (ASTM) E-1908. If the waste stream passes the EPA Landfill criteria as determined by the Toxic Characteristic Leaching Procedure (TCLP), it may be disposed of as normal construction waste in a facility licensed to accept the materials. LBP materials on metal substrates should be recycled as metal scrap in accordance with Federal, state and local regulations. The contractor shall remove the materials as a whole component to the greatest extent possible and shall properly characterize each waste stream for disposal. In addition, all

federal standards pertaining to lead-containing paint under **General Industry (29 CFR 1910)**, **Construction (29 CFR 1926)**, and **Agriculture (29 CFR 1928)** should be followed. OSHA defines lead-containing paint as any paint that contains a detectable amount of lead. It is possible that the paint tested has trace amounts of lead at concentrations lower than the limit of detection of the instrument. Therefore, OSHA in Construction should be followed during demolition for painted surfaces containing less than 1.0 mg/cm^2 of lead paint.

Contractors must be trained and accredited through the New York Department of Health and be employed by a lead firm licensed by the state of New York when a permit is needed. Lead paint contractors include those who work on residential, public, and commercial buildings as well as the maintenance work required in rental housing; structural steel projects, such as bridges, water tanks, and industrial structures; and conduct lead paint inspections. Abatement supervisors and workers must be trained in accordance with New York state laws. If lead paint-containing components are not to be abated, lead safe construction practices should be followed.

Unlike asbestos, there are no state or federal requirements to remove lead-containing building components prior to demolition. In addition, the requirements of Title 40 Chapter 1, Subchapter R, and Part 745 for Target Housing does not apply to military barracks. Army guidelines should be followed concerning the removal of LBP from military residences. The lead survey performed within the Camp Buckner targeted major building components that might impact future worker protection associated with salvage or other demolition activities. It is not intended to be used for a USEPA-HUD risk assessment or for the classification of demolition debris. The contractor is responsible for verifying all building components for lead prior to any salvage activities and following all OSHA requirements associated with the removal of lead. The demolition debris must be classified by Toxicity Characteristic Leaching Procedure (TCLP) analysis.

As indicated in the survey limitations, physical bulk sampling was limited to Barracks 1611, 1612, 1509, 1523, 1516, 1520, 1508 and 1503. Based on the visual inspection conducted in additional Camp Buckner barracks, GCI's Lead Inspector made the determination that all the barracks of Phase 1 and Phases 2-4 were homogeneous in construction. The following lead paint assumptions should made for all barracks on the reservation:

- Any paints/components that are homogeneous with identified LBP or LCP should be considered as such.
- Any additional paints/components identified during renovation/demolition that will be disturbed by the proposed work may require additional testing for further verification.

4.0 MOLD INSPECTION REPORT

Mold inspections are regulated by the New York Department of Labor. A mold inspection of the accessible spaces in Barracks 1611, 1612, 1509, 1523, 1516, 1520, 1508 and 1503, was conducted between the dates of November 13 and 14, 2019, by GCI's New York State-licensed mold inspector, Mr. Michael Vollo, License # MA00871. His license may be

found in Attachment 10. The survey was conducted in accordance with New York regulations.

4.1 METHODOLOGY

The inspection included a visual inspection as well as swab and air sampling. Air sampling was conducted using a Buck BioAire™ pump and Air-O-Cell® Cassettes. Air samples were collected in rooms (showers) that had apparent visible microbial growth. Ambient air samples were collected outside of the barracks. Air and swab samples were submitted under strict chain of custody to Hayes Microbial of Midlothian, Virginia, for analysis via direct identification analysis.

4.2 MOLD RESULTS AND INTERPRETATION

Swab samples collected from several buildings at Camp Buckner were analyzed as containing low levels of *Aspergillus/Penicillium, Chaetomium, Myxomycetes*, and *Cladiosporium*. The concentration of these mold types was likely low due to the extremely cold weather conditions at the time of sampling, combined with limited activity (water source) in the showers since the summer months.

Non-viable air samples collected in the showers of several barracks detected elevated levels of mold in relation to the ambient samples. Ambient mold concentrations were likely low due to cold ambient conditions at the time of sampling. Analysis detected concentrations of *Cladiosporium* at a much higher concentration than background ambient air samples. However, *Cladiosporium* was detected as the dominant mold species in ambient background air samples as well. Non-viable air samples also detected *Aspergillus/Penicillium, Chaetomium*, and *Myxomycetes*. All mold species detected on the swab samples of the shower walls were also detected on the non-viable air samples.

Ideally, indoor concentrations of mold should be less than ambient concentrations with no visible apparent microbial growth present. The majority of results for the inside samples collected during the survey were less than the ambient (outdoor) concentration results of mold spores. The barracks are not heated and have not had any “shower activity” since the summer months. With high levels of mold detected in the indoor shower air samples, it can be concluded that significant mold growth does exist on the shower walls. Future samples collected during spring and summer months, may indicate much higher concentrations of mold and different dominate species.

Complete mold laboratory analysis reports and photographs may be found in Attachments 7 and 8, respectively.

4.3 MOLD REMEDIATION RECOMMENDATIONS

GCI found visible mold growth in the showers and detected mold in the air. Mold can remain dormant and begin to grow once moisture is reintroduced. Areas with apparent visible microbial growth, or with signs of active or previous water damage, should be treated and repaired accordingly. Areas with significant levels of apparent visible microbial growth should be abated in accordance with New York law.

GCI has the following recommendations for the remediation of apparent visible microbial growth and water damage on components that are to remain after renovation:

- Visible mold should be removed from all building materials and the area should be treated with a biocide.
- Any sections of the sheetrock ceiling containing visible mold or water damage should be removed.
- Impacted plaster walls should be dried utilizing dehumidifiers; plaster and other materials that have been wet for over 48 hours, and are in poor condition, should be replaced.

Remediation should be performed in accordance with New York state law and the appropriate EPA and Army Technical Guidelines (TG 277).

5.0 POLYCHLORINATED BIPHENYL (PCB) REPORT

The Toxic Substances Control Act (TSCA) of 1976 authorized the U.S. Environmental Protection Agency (EPA) to control substances that were determined to cause unreasonable risk to public health or the environment. In 1979, the U.S. EPA banned the manufacture of new products containing PCBs and developed regulatory requirements for the storage, labeling, use, and disposal of materials containing PCBs at levels above the regulatory thresholds. In addition, the regulations under TSCA specify allowed or authorized uses of PCBs in certain situations. If a material or item is not specifically listed, it is considered unauthorized. The U.S. EPA considers building materials containing PCBs, including caulk, with PCB concentration exceeding 50 ppm to be a regulated material that requires specific abatement requirements and worker protection considerations.

5.1 METHODOLOGY

The inspection included a visual inspection as well as bulk sampling. Three bulk samples were submitted under strict chain of custody to ALS Laboratory Group of Holland, Michigan. EPA Method 8082 was used to determine the concentrations of various Aroclors using dual capillary columns with electron capture detectors. Aroclor is a PCB mixture produced from approximately 1930 to 1979; it is one of the most commonly known trade names for PCB mixtures. There are many types of Aroclors, and each has a distinguishing suffix number that indicates the degree of chlorination.

5.2 PCB RESULTS AND INTERPRETATION

The EPA considers a material to be PCB-containing if it contains equal to or greater than 50 parts per million (ppm) of PCBs. Laboratory analysis confirmed that none of the three samples contained detectable concentrations of PCBs. Laboratory results are presented in Attachment 9.

Table 5: Concentrations of PCBs Noted in Caulking Samples summarizes the laboratory's findings.

Table 5: Concentrations of PCBs Noted in Caulking Samples		
Suspect Material	**Location**	**PCB (Yes or No)**
Gray Caulk	B1516; under metal exterior walls	No
Gray Caulk	B1520; under metal exterior walls	No
White Caulk	B1520; around concrete footings	No

GCI observed approximately 17 light fixtures in each barrack that are equipped with two ballasts per fixture. There is an elevated potential that PCB-containing light ballasts are present in light fixtures throughout the Facility.

5.3 PCB CONCLUSIONS AND RECOMMENDATIONS

Should fluorescent-light ballasts that are not specifically marked "non-PCB containing" ballasts be encountered during renovation, they should be managed and disposed of in accordance with Toxic Substances Control Act (TSCA) Storage and Disposal Requirements for Fluorescent Light Ballasts.

6.0 UNIVERSAL WASTES

EPA's Universal Waste (UW) regulations are promulgated in 40 CFR 273. This regulation sets hazardous waste management standards for federally designated "universal wastes," which include:

- Batteries
- Pesticides
- Mercury-containing equipment and
- Bulbs (lamps)

The regulations are alternate standards for the handling of UW. In contrast to the requirements found in 40 CFR 260 through 272, UW should be segregated and disposed of every 90 days, and in accordance with Federal, state, and local regulations. Disposal and management of such bulbs is regulated by the Resource Conservation and Recovery Act (RCRA) Universal Waste Rule (UWR) and should be handed in accordance with this rule. All future identified UW should be properly packaged and disposed of in accordance with Universal Waste rules.

GCI noted approximately 17 light fixtures in each barrack, therefore, as many as 34 fluorescent light bulbs containing mercury may be present. Any spent fluorescent bulbs stored at the site should be considered waste unless they are specifically identified as a new product stored onsite pending use. Disposal and management of spent bulbs is

regulated by the Resource Conservation and Recovery Act (RCRA) Universal Waste Rule (UWR) and should be handled and disposed of in accordance with this rule.

7.0 FIRE DETECTION SYSTEMS AND FIRE EXTINGUISHERS

Smoke detectors and/or fire alarms of unknown ages were noted during GCI's inspection. Ionization smoke detectors, if present, may use a small amount of radioactive material, americium-241, to detect smoke. Some very early smoke detectors were made using Radium-226 instead of americium-241. These older smoke detectors were available for use in industrial or commercial facilities. There is no health threat from ionization smoke detectors as long as the detector is not tampered with, burned and it is used as directed.

The fire extinguishers and any halon-type portable fire extinguishers (if found in the building) should be decommissioned in accordance with National Fire Protection Association (NFPA) 10 and 12A (Standard for Portable Fire Extinguishers, Standard on Halon 1301 Fire Extinguishing Systems). Removal and recycling of Halon 1211 from fire extinguishers shall be done only using a listed halon closed recovery system and trained technicians.

Old fire extinguishers that are not dry chemical or carbon dioxide may contain carbon tetrachloride, a known carcinogen. Contact a local Fire Department of New York (FDNY) -certified fire extinguisher retailer to request that they dispose of or recycle the fire extinguishers.

8.0 SELF-LUMINOUS EXIT SIGNS

Approximately three to four EXIT signs per barrack were noted during GCI's inspection. Self-luminous EXIT signs containing the radioactive gas, tritium, were widely used in a variety of facilities across the United States at one time. While the United States Department of Defense's Unified Facilities Criteria specifically prohibits tritium exit signs in military facilities, given the age of the Facility, signs containing this gas may be present.

Intact tritium EXIT signs pose little or no threat to public health and safety and do not constitute a security risk. However, the NRC requires proper accounting and disposal of all radioactive materials. Proper handling and accounting are important, because a damaged or broken sign could cause minor radioactive contamination of the immediate vicinity, requiring a potentially expensive clean up.

Regulated by the U.S. Nuclear Regulatory Commission (NRC), owners of tritium exit signs must notify the NRC if a sign is damaged or goes missing. Expressly prohibited from landfills, tritium exit-sign owners must also notify the NRC when a sign is decommissioned and sent to a nuclear-waste facility.

EXIT signs may also contain circuit boards and batteries that will be considered hazardous waste upon renovation/demolition activities. Federal regulations *(EPA 40 CFR Part 273)* now consider the back-up batteries inside many LED exit signs to be a universal waste because they contain various heavy metals. circuit boards inside LED exit signs may contain lead, chromium, cadmium, and (sometimes) mercury.

9.0 DISCLAIMER

Information in this inspection report relating to hazardous materials (i.e., asbestos, lead, mold, and PCBs), although believed to be inclusive and accurate, was based on visual observations and field sampling of accessible areas. Limiting conditions included limited destructive sampling, inaccessible areas such as between walls and floors of the structures and limited subsurface assessment of the property. Reasonable efforts are made to extrapolate where possible such as where insulated pipe runs into and through a wall. Global Consulting, Inc. reserves the right to revise any recommendations and conclusions and does not guarantee or accept any liability that encompasses this survey of all hazardous or regulated materials located within this building.

ATTACHMENT 1 – ASBESTOS ANALYTICAL RESULTS

Please Reply To:

AmeriSci Richmond
13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800

LABORATORY ELECTRONIC TRANSMITTAL

To: Judi Darnell
Global Consulting, Inc.
Fax #:

Email: juditdarnell@yahoo.com

From: C. David Mintz
AmeriSci Job #: 119111645
Subject: ELAP-PLM/TEM 5 day Results
Client Project: AA198; Camp Buckner West Point. New York

Date: Sunday, November 24, 2019
Time: 12:42:31
Comments:

Number of Pages: _____
(including cover sheet)

NOTE: Attached report is to be considered preliminary until final review with accompanying analysis summary letter is issued.

CONFIDENTIALITY NOTICE: Unless otherwise indicated, the information contained in this communication is confidential information intended for use of the individual named above. If the reader of this communication is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is prohibited. If you have received this communication in error, please immediately notify the sender by telephone and return the original message to the above address via the US Postal Service at our expense. Samples are disposed of in 60 days or unless otherwise instructed by the protocol or special instructions in writing. Thank you.

AmeriSci Richmond
13635 GENITO ROAD
MIDLOTHIAN, VA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800

November 24, 2019

Global Consulting, Inc.
Attn: Judi Darnell
6401 Golden Triangle Drive, #304
Greenbelt, MD 20770

RE: Global Consulting, Inc.
Job Number 119111645
P.O. #AA198
AA198; Camp Buckner West Point, New York

Dear Judi Darnell:

Enclosed are the results of Asbestos Analysis - Bulk Protocol of the following Global Consulting, Inc. samples, received at AmeriSci on Monday, November 18, 2019, for a 5 day turnaround:

Sample ID B1611-1113-B1 through B1612-1114-B181

The 181 samples, placed in zip lock bag, were shipped to AmeriSci via Fed Ex 7769 9752 4138 S. Global Consulting, Inc. requested ELAP PLM/TEM analysis of these samples.

The results of the analyses which were performed under NYSDOH ELAP Lab Certification # 10984 following ELAP 198.4 TEM guidelines are presented within the Summary Table of this report. The presence of matrix reduction data in the Summary Table normally indicates an NOB sample. For NOB samples the individual matrix reduction and TEM analysis results are listed in Table I. Complete PLM results for individual samples analyzed by ELAP 198.1 (friable) and ELAP 198.6 (NOB) are presented in the PLM Bulk Asbestos Report. This combined report relates ONLY to sample analysis expressed as percent composition by weight and percent asbestos. This report must not be used to claim product endorsement or approval by these laboratories, NVLAP, ELAP or any other associated agency. The National Institute of Standards and Technology accreditation requirements, mandate that this report must not be reproduced, except in full without the written approval of the laboratory. This report may contain specific data not covered by NVLAP or ELAP accreditations respectively, if so identified in relevant footnotes.

AmeriSci appreciates this opportunity to serve your organization. Please contact us for any further assistance or with any questions.

Sincerely,

Approved Signatory

Table I
Summary of Bulk Asbestos Analysis Results
AA198; Camp Buckner West Point, New York

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	B1611-1113-B1	1	----	----	----	----	NAD	NA
Location:	Bldg. 1611, Gypsum Wallboard							
02	B1611-1113-B2	1	----	----	----	----	NAD	NA
Location:	Bldg. 1611, Gypsum Wallboard							
03	B1611-1113-B3	1	----	----	----	----	NAD	NA
Location:	Bldg. 1611, Gypsum Wallboard							
04	B1611-1113-B4	2	----	----	----	----	NAD	NA
Location:	Bldg. 1611, Joint Compound							
05	B1611-1113-B5	2	----	----	----	----	NAD	NA
Location:	Bldg. 1611, Joint Compound							
06	B1611-1113-B6	2	----	----	----	----	NAD	NA
Location:	Bldg. 1611, Joint Compound							
07	B1611-1113-B7	3	0.209	70.2	9.6	20.1	NAD	NAD
Location:	Bldg. 1611, Baseboard Molding Mastic							
08	B1611-1113-B8	3	0.142	72.3	6.5	21.2	NAD	NAD
Location:	Bldg. 1611, Baseboard Molding Mastic							
09	B1611-1113-B9	3	0.261	23.3	70.2	6.4	NAD	NAD
Location:	Bldg. 1611, Baseboard Molding Mastic							
10	B1611-1113-B10	4	----	----	----	----	NAD	NA
Location:	Bldg. 1611, Ceramic Tile Grout							
11	B1611-1113-B11	4	----	----	----	----	NAD	NA
Location:	Bldg. 1611, Ceramic Tile Grout							
12	B1611-1113-B12	4	----	----	----	----	NAD	NA
Location:	Bldg. 1611, Ceramic Tile Grout							
13	B1611-1113-B13	5	----	----	----	----	NAD	NA
Location:	Bldg. 1611, Exterior Pipe Lagging							
14	B1611-1113-B14	5	----	----	----	----	NAD	NA
Location:	Bldg. 1611, Exterior Pipe Lagging							
15	B1611-1113-B15	5	----	----	----	----	NAD	NA
Location:	Bldg. 1611, Exterior Pipe Lagging							
16	B1611-1113-B16	6	0.442	9.4	66.6	23.8	NAD	Anthophyllite Trace
Location:	Bldg. 1611, Exterior Caulk							

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results
AA198; Camp Buckner West Point, New York

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
17	B1611-1113-B17	6	0.302	9.1	61.5	29.2	NAD	Anthophyllite Trace
Location: Bldg. 1611, Exterior Caulk								
18	B1611-1113-B18	6	0.228	8.8	80.3	10.8	NAD	Anthophyllite Trace
Location: Bldg. 1611, Exterior Caulk								
19	B1612-1113-B19	7	----	----	----	----	NAD	NA
Location: Bldg. 1612, Gypsum Wallboard								
20	B1612-1113-B20	7	----	----	----	----	NAD	NA
Location: Bldg. 1612, Gypsum Wallboard								
21	B1612-1113-B21	7	----	----	----	----	NAD	NA
Location: Bldg. 1612, Gypsum Wallboard								
22	B1612-1113-B22	8	----	----	----	----	NAD	NA
Location: Bldg. 1612, Joint Compound								
23	B1612-1113-B23	8	----	----	----	----	NAD	NA
Location: Bldg. 1612, Joint Compound								
24	B1612-1113-B24	8	----	----	----	----	NAD	NA
Location: Bldg. 1612, Joint Compound								
25	B1612-1113-B25	9	----	----	----	----	NA	NA
Location: Bldg. 1612, Baseboard Molding Mastic "Insufficient Material Submitted For Preparation"								
26	B1612-1113-B26	9	----	----	----	----	NA	NA
Location: Bldg. 1612, Baseboard Molding Mastic "Insufficient Material Submitted For Preparation"								
27	B1612-1113-B27	9	----	----	----	----	NA	NA
Location: Bldg. 1612, Baseboard Molding Mastic "Insufficient Material Submitted For Preparation"								
28	B1612-1113-B28	10	----	----	----	----	NAD	NA
Location: Bldg. 1612, Exterior Pipe Lagging								
29	B1612-1113-B29	10	----	----	----	----	NAD	NA
Location: Bldg. 1612, Exterior Pipe Lagging								
30	B1612-1113-B30	10	----	----	----	----	NAD	NA
Location: Bldg. 1612, Exterior Pipe Lagging								
31	B1612-1113-B31	11	----	----	----	----	NAD	NA
Location: Bldg. 1612, Concrete								
32	B1612-1113-B32	11	----	----	----	----	NAD	NA
Location: Bldg. 1612, Concrete								

See Reporting notes on last page

Table I
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AA198; Camp Buckner West Point, New York

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
33	B1612-1113-B33	11	----	----	----	----	NAD	NA
Location: Bldg. 1612, Concrete								
34	B1612-1113-B34	12	0.525	21.6	58.3	20.1	NAD	NAD
Location: Bldg. 1612, Ceramic Tile Grout								
35	B1612-1113-B35	12	0.501	21.4	45.8	32.8	NAD	NAD
Location: Bldg. 1612, Ceramic Tile Grout								
36	B1612-1113-B36	12	0.423	21.6	26.1	52.3	NAD	NAD
Location: Bldg. 1612, Ceramic Tile Grout								
37	B1509-1113-B37	13	----	----	----	----	NAD	NA
Location: Bldg. 1509, Gypsum Wallboard								
38	B1509-1113-B38	13	----	----	----	----	NAD	NA
Location: Bldg. 1509, Gypsum Wallboard								
39	B1509-1113-B39	13	----	----	----	----	NAD	NA
Location: Bldg. 1509, Gypsum Wallboard								
40	B1509-1113-B40	14	----	----	----	----	NAD	NA
Location: Bldg. 1509, Joint Compound								
41	B1509-1113-B41	14	----	----	----	----	NAD	NA
Location: Bldg. 1509, Joint Compound								
42	B1509-1113-B42	14	----	----	----	----	NAD	NA
Location: Bldg. 1509, Joint Compound								
43	B1509-1113-B43	15	0.167	42.6	51.7	5.7	NAD	NAD
Location: Bldg. 1509, Baseboard Molding Mastic								
44	B1509-1113-B44	15	0.192	45.9	47.6	6.5	NAD	NAD
Location: Bldg. 1509, Baseboard Molding Mastic								
45	B1509-1113-B45	15	0.202	42.9	51.6	5.4	NAD	NAD
Location: Bldg. 1509, Baseboard Molding Mastic								
46	B1509-1113-846	16	----	----	----	----	NAD	NA
Location: Bldg. 1509, Ceramic Tile Grout								
47	B1509-1113-847	16	----	----	----	----	NAD	NA
Location: Bldg. 1509, Ceramic Tile Grout								
48	B1509-1113-848	16	----	----	----	----	NAD	NA
Location: Bldg. 1509, Ceramic Tile Grout								

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results
AA198; Camp Buckner West Point, New York

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
49	B1509-1113-B49	17	0.138	46.1	15.8	38.0	NAD	NAD
Location: Bldg. 1509, Outer Wrap on Fiberglass								
50	B1509-1113-B50	17	0.340	22.5	60.2	17.3	NAD	NAD
Location: Bldg. 1509, Outer Wrap on Fiberglass								
51	B1509-1113-B51	17	0.142	44.9	33.8	21.3	NAD	NAD
Location: Bldg. 1509, Outer Wrap on Fiberglass								
52	B1509-1113-B52	18	0.266	99.8	0.1	0.1	NAD	NAD
Location: Bldg. 1509, Exterior Tar								
53	B1509-1113-B53	18	0.297	99.9	0.0	0.1	NAD	NAD
Location: Bldg. 1509, Exterior Tar								
54	B1509-1113-B54	18	0.229	99.5	0.4	0.1	NAD	NAD
Location: Bldg. 1509, Exterior Tar								
55	B1509-1113-B55	19	0.023	79.7	12.1	8.2	NAD	NAD
Location: Bldg. 1509, Exterior Window Caulk								
56	B1509-1113-B56	19	0.052	85.5	6.2	8.3	NAD	NAD
Location: Bldg. 1509, Exterior Window Caulk								
57	B1509-1113-B57	19	0.050	82.5	6.8	10.8	NAD	NAD
Location: Bldg. 1509, Exterior Window Caulk								
58	B1523-1113-B58	20	----	----	----	----	NAD	NA
Location: Bldg. 1523, Gypsum Wallboard								
59	B1523-1113-B59	20	----	----	----	----	NAD	NA
Location: Bldg. 1523, Gypsum Wallboard								
60	B1523-1113-B60	20	----	----	----	----	NAD	NA
Location: Bldg. 1523, Gypsum Wallboard								
61	B1523-1113-B61	21	----	----	----	----	NAD	NA
Location: Bldg. 1523, Joint Compound								
62	B1523-1113-B62	21	----	----	----	----	NAD	NA
Location: Bldg. 1523, Joint Compound								
63	B1523-1113-B63	21	----	----	----	----	NAD	NA
Location: Bldg. 1523, Joint Compound								
64	B1523-1113-B64	22	0.134	43.2	49.7	7.1	NAD	NAD
Location: Bldg. 1523, Baseboard Molding Mastic								

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results
AA198; Camp Buckner West Point, New York

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
65	B1523-1113-B65	22	0.108	44.8	52.2	3.0	NAD	NAD
Location:	Bldg. 1523, Baseboard Molding Mastic							
66	B1523-1113-B66	22	0.145	42.8	50.4	6.8	NAD	NAD
Location:	Bldg. 1523, Baseboard Molding Mastic							
67	B1523-1113-B67	23	0.302	59.7	26.3	14.0	NAD	NAD
Location:	Bldg. 1523, Ceramic Tile Grout							
68	B1523-1113-B68	23	0.271	25.4	45.1	29.5	NAD	NAD
Location:	Bldg. 1523, Ceramic Tile Grout							
69	B1523-1113-B69	23	0.285	57.8	29.8	12.4	NAD	NAD
Location:	Bldg. 1523, Ceramic Tile Grout							
70	B1523-1113-B70	24	----	----	----	----	NAD	NA
Location:	Bldg. 1523, Exterior Concrete							
71	B1523-1113-B71	24	----	----	----	----	NAD	NA
Location:	Bldg. 1523, Exterior Concrete							
72	B1523-1113-B72	24	----	----	----	----	NAD	NA
Location:	Bldg. 1523, Exterior Concrete							
73	B1523-1113-B73	25	----	----	----	----	NAD	NA
Location:	Bldg. 1523, Mudded Elbows							
74	B1523-1113-B74	25	----	----	----	----	NAD	NA
Location:	Bldg. 1523, Mudded Elbows							
75	B1523-1113-B75	25	----	----	----	----	NAD	NA
Location:	Bldg. 1523, Mudded Elbows							
76	B1523-1113-B76	26	0.271	77.2	7.1	15.7	NAD	NAD
Location:	Bldg. 1523, Outer Pipe Wrap on Fiberglass							
77	B1523-1113-B77	26	0.113	75.6	4.2	20.2	NAD	NAD
Location:	Bldg. 1523, Outer Pipe Wrap on Fiberglass							
78	B1523-1113-B78	26	0.277	73.3	3.0	23.8	NAD	NAD
Location:	Bldg. 1523, Outer Pipe Wrap on Fiberglass							
79	B1516-1114-B79	27	----	----	----	----	NAD	NA
Location:	Bldg. 1516, Gypsum Wallboard							
80	B1516-1114-B80	27	----	----	----	----	NAD	NA
Location:	Bldg. 1516, Gypsum Wallboard							

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results
AA198; Camp Buckner West Point, New York

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
81	B1516-1114-B81	27	----	----	----	----	NAD	NA
Location:	Bldg. 1516, Gypsum Wallboard							
82	B1516-1114-B82	28	----	----	----	----	NAD	NA
Location:	Bldg. 1516, Joint Compound							
83	B1516-1114-B83	28	----	----	----	----	NAD	NA
Location:	Bldg. 1516, Joint Compound							
84	B1516-1114-B84	28	----	----	----	----	NAD	NA
Location:	Bldg. 1516, Joint Compound							
85	B1516-1114-B85	29	0.179	45.0	43.1	11.8	NAD	NAD
Location:	Bldg. 1516, Baseboard Molding Mastic							
86	B1516-1114-B86	29	0.277	41.8	49.4	8.8	NAD	NAD
Location:	Bldg. 1516, Baseboard Molding Mastic							
87	B1516-1114-B87	29	0.284	44.0	44.5	11.5	NAD	NAD
Location:	Bldg. 1516, Baseboard Molding Mastic							
88	B1516-1114-B88	30	0.318	45.3	18.6	36.0	NAD	Chrysotile Trace
Location:	Bldg. 1516, Outer Pipe Wrap on Fiberglass							
89	B1516-1114-B89	30	0.160	55.0	14.0	31.0	NAD	NAD
Location:	Bldg. 1516, Outer Pipe Wrap on Fiberglass							
90	B1516-1114-B90	30	0.051	42.0	28.3	29.7	NAD	NAD
Location:	Bldg. 1516, Outer Pipe Wrap on Fiberglass							
91	B1516-1114-B91	31	----	----	----	----	NAD	NA
Location:	Bldg. 1516, Ceramic Tile Grout							
92	B1516-1114-B92	31	----	----	----	----	NAD	NA
Location:	Bldg. 1516, Ceramic Tile Grout							
93	B1516-1114-B93	31	----	----	----	----	NAD	NA
Location:	Bldg. 1516, Ceramic Tile Grout							
94	B1516-1114-B94	32	0.495	36.2	19.0	38.1	Chrysotile 6.2	Chrysotile 6.7
Location:	Bldg. 1516, Exterior Vapor Barrier							
95	B1516-1114-B95	32	0.197	39.8	15.6	44.6	NA/PS	NA/PS
Location:	Bldg. 1516, Exterior Vapor Barrier							
96	B1516-1114-B96	32	0.315	37.7	25.4	36.8	NA/PS	NA/PS
Location:	Bldg. 1516, Exterior Vapor Barrier							

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results
AA198; Camp Buckner West Point, New York

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
97	B1516-1114-B97	33	0.577	45.2	16.1	34.7	Chrysotile 5.9	Chrysotile 4.0
Location:	Bldg. 1516, Exterior Caulk							
98	B1516-1114-B98	33	0.220	42.8	19.5	37.7	NA/PS	NA/PS
Location:	Bldg. 1516, Exterior Caulk							
99	B1516-1114-B99	33	0.463	42.9	16.0	41.2	NA/PS	NA/PS
Location:	Bldg. 1516, Exterior Caulk							
100	B1516-1114-B100	34	0.153	44.1	3.3	50.0	Chrysotile 4.1	Chrysotile 2.6
Location:	Bldg. 1516, Exterior Silver Paint							
101	B1516-1114-B101	34	0.165	40.5	3.6	55.9	NA/PS	NA/PS
Location:	Bldg. 1516, Exterior Silver Paint							
102	B1516-1114-B102	34	0.185	45.6	3.0	51.3	NA/PS	NA/PS
Location:	Bldg. 1516, Exterior Silver Paint							
103	B1516-1114-B103	35	----	----	----	----	NAD	NA
Location:	Bldg. 1516, Concrete Slab							
104	B1516-1114-B104	35	----	----	----	----	NAD	NA
Location:	Bldg. 1516, Concrete Slab							
105	B1516-1114-B105	35	----	----	----	----	NAD	NA
Location:	Bldg. 1516, Concrete Slab							
106	B1520-1114-B106	36	----	----	----	----	NAD	NA
Location:	Bldg. 1520, Gypsum Wallboard							
107	B1520-1114-B107	36	----	----	----	----	NAD	NA
Location:	Bldg. 1520, Gypsum Wallboard							
108	B1520-1114-B108	36	----	----	----	----	NAD	NA
Location:	Bldg. 1520, Gypsum Wallboard							
109	B1520-1114-B109	37	----	----	----	----	NAD	NA
Location:	Bldg. 1520, Joint Compound							
110	B1520-1114-B110	37	----	----	----	----	NAD	NA
Location:	Bldg. 1520, Joint Compound							
111	B1520-1114-B111	37	----	----	----	----	NAD	NA
Location:	Bldg. 1520, Joint Compound							
112	B1520-1114-B112	38	0.362	52.2	32.3	15.5	NAD	NAD
Location:	Bldg. 1520, Baseboard Molding Mastic							

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results
AA198; Camp Buckner West Point, New York

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
113	B1520-1114-B113	38	0.142	42.8	35.2	22.1	NAD	NAD
Location: Bldg. 1520, Baseboard Molding Mastic								
114	B1520-1114-B114	38	0.121	48.7	35.4	15.8	NAD	NAD
Location: Bldg. 1520, Baseboard Molding Mastic								
115	B1520-1114-B115	39	0.268	41.9	16.4	32.8	Chrysotile 8.8	NA
Location: Bldg. 1520, Exterior Grey Caulk								
116	B1520-1114-B116	39	0.375	39.1	17.9	43.0	NA/PS	NA
Location: Bldg. 1520, Exterior Grey Caulk								
117	B1520-1114-B117	39	0.289	42.1	16.0	41.9	NA/PS	NA
Location: Bldg. 1520, Exterior Grey Caulk								
118	B1520-1114-B118	40	0.263	83.6	6.0	10.4	NAD	NAD
Location: Bldg. 1520, Exterior White Caulk								
119	B1520-1114-B119	40	0.245	82.9	5.5	11.6	NAD	NAD
Location: Bldg. 1520, Exterior White Caulk								
120	B1520-1114-B120	40	0.200	84.2	5.5	10.3	NAD	NAD
Location: Bldg. 1520, Exterior White Caulk								
121	B1520-1114-B121	41	----	----	----	----	NAD	NA
Location: Bldg. 1520, Concrete Slab								
122	B1520-1114-B122	41	----	----	----	----	NAD	NA
Location: Bldg. 1520, Concrete Slab								
123	B1520-1114-B123	41	----	----	----	----	NAD	NA
Location: Bldg. 1520, Concrete Slab								
124	B1520-1114-B124	42	0.402	39.5	23.3	29.4	Chrysotile 7.8	NA
Location: Bldg, 1520, Cloth Vapor Barrier								
125	B1520-1114-B125	42	0.421	42.3	20.2	37.5	NA/PS	NA
Location: Bldg. 1520, Cloth Vapor Barrier								
126	B1520-1114-B126	42	0.449	42.9	15.4	41.7	NA/PS	NA
Location: Bldg. 1520, Cloth Vapor Barrier								
127	B1520-1114-B127	43	0.320	46.0	20.8	33.2	NAD	NAD
Location: Bldg. 1520, Interior Yellow Paint								
128	B1520-1114-B128	43	0.429	45.8	19.9	34.3	NAD	NAD
Location: Bldg. 1520, Interior Yellow Paint								

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results
AA198; Camp Buckner West Point, New York

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
129	B1520-1114-B129	43	0.445	46.1	20.2	33.6	NAD	Chrysotile Trace
Location: Bldg. 1520, Interior Yellow Paint								
130	B1520-1114-B130	44	0.221	40.1	5.5	49.9	Chrysotile 4.6	NA
Location: Bldg. 1520, Exterior Silver Paint								
131	B1520-1114-B131	44	0.173	40.3	5.3	54.3	NA/PS	NA
Location: Bldg. 1520, Exterior Silver Paint								
132	B1520-1114-B132	44	0.161	41.3	1.7	57.0	NA/PS	NA
Location: Bldg. 1520, Exterior Silver Paint								
133	B1520-1114-B133	45	----	----	----	----	NAD	NA
Location: Bldg. 1520, Exterior Jacket Wrap								
134	B1520-1114-B134	45	----	----	----	----	NAD	NA
Location: Bldg. 1520, Exterior Jacket Wrap								
135	B1520-1114-B135	45	----	----	----	----	NAD	NA
Location: Bldg. 1520, Exterior Jacket Wrap								
136	B1508-1114-B136	46	----	----	----	----	NAD	NA
Location: Bldg. 1508, Gypsum Wallboard								
137	B1508-1114-B137	46	----	----	----	----	NAD	NA
Location: Bldg. 1508, Gypsum Wallboard								
138	B1508-1114-B138	46	----	----	----	----	NAD	NA
Location: Bldg. 1508, Gypsum Wallboard								
139	B1508-1114-B139	47	----	----	----	----	NAD	NA
Location: Bldg. 1508, Joint Compound								
140	B1508-1114-B140	47	----	----	----	----	NAD	NA
Location: Bldg. 1508, Joint Compound								
141	B1508-1114-B141	47	----	----	----	----	NAD	NA
Location: Bldg. 1508, Joint Compound								
142	B1508-1114-B142	48	0.268	38.9	45.3	15.8	NAD	NAD
Location: Bldg. 1508, Baseboard Molding Mastic								
143	B1508-1114-B143	48	0.176	42.7	28.7	28.6	NAD	NAD
Location: Bldg. 1508, Baseboard Molding Mastic								
144	B1508-1114-B144	48	0.157	39.8	29.5	30.6	NAD	NAD
Location: Bldg. 1508, Baseboard Molding Mastic								

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results
AA198; Camp Buckner West Point, New York

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
145	B1508-1114-B145	49	0.417	79.0	2.0	19.0	NAD	NAD
Location: Bldg. 1508, Outer Pipe Wrap on Fiberglass								
146	B1508-1114-B146	49	0.217	40.3	28.8	30.8	NAD	NAD
Location: Bldg. 1508, Outer Pipe Wrap on Fiberglass								
147	B1508-1114-B147	49	0.205	70.4	11.3	18.3	NAD	NAD
Location: Bldg. 1508, Outer Pipe Wrap on Fiberglass								
148	B1508-1114-B148	50	----	----	----	----	NAD	NA
Location: Bldg. 1508, Ceramic Tile Grout								
149	B1508-1114-B149	50	----	----	----	----	NAD	NA
Location: Bldg. 1508, Ceramic Tile Grout								
150	B1508-1114-B150	50	----	----	----	----	NAD	NA
Location: Bldg. 1508, Ceramic Tile Grout								
151	B1503-1114-B151	51	----	----	----	----	NAD	NA
Location: Bldg. 1503, Gypsum Wallboard								
152	B1503-1114-B152	51	----	----	----	----	NAD	NA
Location: Bldg. 1503, Gypsum Wallboard								
153	B1503-1114-B153	51	----	----	----	----	NAD	NA
Location: Bldg. 1503, Gypsum Wallboard								
154	B1503-1114-B154	52	----	----	----	----	NAD	NA
Location: Bldg. 1503, Joint Compound								
155	B1503-1114-B155	52	----	----	----	----	NAD	NA
Location: Bldg. 1503, Joint Compound								
156	B1503-1114-B156	52	----	----	----	----	NAD	NA
Location: Bldg. 1503, Joint Compound								
157	B1503-1114-B157	53	----	----	----	----	NA	NA
Location: Bldg. 1503, Baseboard Molding Mastic "Insufficient Material Submitted For Preparation"								
158	B1503-1114-B158	53	0.056	42.6	50.8	6.6	NAD	NAD
Location: Bldg. 1503, Baseboard Molding Mastic								
159	B1503-1114-B159	53	0.130	45.5	49.8	4.7	NAD	NAD
Location: Bldg. 1503, Baseboard Molding Mastic								
160	B1503-1114-B161		----	----	----	----	NAD	NA
Location: Bldg. 1503, Pipe Elbow Insulation								

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results
AA198; Camp Buckner West Point, New York

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
161	B1503-1114-B162	54	----	----	----	----	NAD	NA
Location: Bldg. 1503, Pipe Elbow Insulation								
162	B1503-1114-B163	54	----	----	----	----	NAD	NA
Location: Bldg. 1503, Pipe Elbow Insulation								
163	B1503-1114-B164	55	----	----	----	----	NAD	NA
Location: Bldg. 1503, Leveling Compound								
164	B1503-1114-B165	55	----	----	----	----	NAD	NA
Location: Bldg. 1503, Leveling Compound								
165	B1503-1114-B166	55	----	----	----	----	NAD	NA
Location: Bldg. 1503, Leveling Compound								
166	B1503-1114-B167	56	----	----	----	----	NAD	NA
Location: Bldg. 1503, Exterior Pipe Lagging								
167	B1503-1114-B168	56	----	----	----	----	NAD	NA
Location: Bldg. 1503, Exterior Pipe Lagging								
168	B1503-1114-B169	56	----	----	----	----	NAD	NA
Location: Bldg. 1503, Exterior Pipe Lagging								
169	B1503-1114-B170	57	----	----	----	----	NA	NA
Location: Bldg. 1503, Concrete Slab "SAMPLE NOT RECEIVED"								
170	B1503-1114-B171	57	----	----	----	----	NAD	NA
Location: Bldg. 1503, Concrete Slab								
171	B1503-1114-B172	57	----	----	----	----	NAD	NA
Location: Bldg. 1503, Concrete Slab								
172	B1503-1114-B173	58	0.181	45.5	1.4	48.7	Chrysotile 4.4	NA
Location: Bldg. 1503, Exterior Silver Paint								
173	B1503-1114-B174	58	0.140	45.7	3.4	50.8	NA/PS	NA
Location: Bldg. 1503, Exterior Silver Paint								
174	B1503-1114-B175	58	0.056	44.2	2.2	53.6	NA/PS	NA
Location: Bldg. 1503, Exterior Silver Paint								
175	B1503-1114-B176	59	0.098	45.6	10.7	43.7	NAD	NAD
Location: Bldg. 1503, Interior Yellow Paint								
176	B1503-1114-B177	59	0.057	46.0	6.4	47.6	NAD	NAD
Location: Bldg. 1503, Interior Yellow Paint								

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results
AA198; Camp Buckner West Point, New York

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
177	B1503-1114-B178	59	0.110	43.5	7.6	49.0	NAD	NAD
Location:	Bldg. 1503, Interior Yellow Paint							
178	B1612-1114-B179	60	0.438	91.0	3.3	5.7	NAD	NAD
Location:	Bldg. 1612, Exterior Expansion Joint							
179	B1612-1114-B180	60	0.305	92.8	3.2	4.0	NAD	NAD
Location:	Bldg. 1612, Exterior Expansion Joint							
180	B1612-1114-B181	60	0.332	94.1	4.4	1.4	NAD	NAD
Location:	Bldg. 1612, Exterior Expansion Joint							

TEM Analyzed By: T. Brian Keith_____ Date Analyzed: 11/22/2019 Reviewed By: _____ Date Reviewed: 11/22/2019

Semi-Quantitative Analysis: NAD = no asbestos detected; NA = not analyzed; NA/PS = not analyzed due to positive stop; Trace = <1%;
PLM analysis by EPA 600/R-93/116 per 40 CFR 763 (NVLAP Lab Code 101904-0) or NY ELAP 198.1 for New York friable samples which includes quantitation of any vermiculite observed (198.6 for NOB samples) or EPA 400 pt ct by EPA 600/M4-82-020 (NY ELAP Lab # 10984);
TEM prep by EPA 600/R-93/116 Section 2.3 (analysis by Section 2.5, not covered by NVLAP Bulk accreditation); or NY ELAP 198.4 for New York NOB samples (NY ELAP Lab # 10984);

** Warning Notes: Consider PLM fiber diameter limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris, soils or other heterogeneous materials for which a combination PLM/TEM evaluation is recommended; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only.

AmeriSci Richmond
13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800

PLM Bulk Asbestos Report

Global Consulting, Inc.
Attn: Judi Darnell
6401 Golden Triangle Drive, #304

Greenbelt, MD 20770

Date Received 11/18/19 **AmeriSci Job #** 119111645
Date Examined 11/24/19 **P.O. #**
ELAP # 10984 **Page** 1 **of** 35
RE: AA198; Camp Buckner West Point, New York

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B1611-1113-B1 1	119111645-01 **Location:** Bldg. 1611, Gypsum Wallboard	*No*	NAD [1] (by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Off White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 95 %, Cellulose 5 %, Fibrous glass Trace			
B1611-1113-B2 1	119111645-02 **Location:** Bldg. 1611, Gypsum Wallboard	*No*	NAD [1] (by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Off White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 95 %, Cellulose 5 %, Fibrous glass Trace			
B1611-1113-B3 1	119111645-03 **Location:** Bldg. 1611, Gypsum Wallboard	*No*	NAD [1] (by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Off White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 95 %, Cellulose 5 %, Fibrous glass Trace			
B1611-1113-B4 2	119111645-04 **Location:** Bldg. 1611, Joint Compound	*No*	NAD [1] (by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 100 % **Comment:** coat of yellow paint covers top surface			

See Reporting notes on last page

PLM Bulk Asbestos Report

AA198; Camp Buckner West Point, New York

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B1611-1113-B5	119111645-05	*No*	NAD [1]
2	**Location:** Bldg. 1611, Joint Compound		(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 100 %			
Comment: coat of yellow paint covers top surface			
B1611-1113-B6	119111645-06	*No*	NAD [1]
2	**Location:** Bldg. 1611, Joint Compound		(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 100 %			
Comment: coat of yellow paint covers top surface			
B1611-1113-B7	119111645-07	*No*	NAD
3	**Location:** Bldg. 1611, Baseboard Molding Mastic		(by NYS ELAP 198.6) by Donna M. Blackwell on 11/22/19
Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 20.1 %			
Comment: Heat Sensitive (organic): 70.2%; Acid Soluble (inorganic): 9.6%; Inert (Non-asbestos): 20.1%			
B1611-1113-B8	119111645-08	*No*	NAD
3	**Location:** Bldg. 1611, Baseboard Molding Mastic		(by NYS ELAP 198.6) by Donna M. Blackwell on 11/22/19
Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 21.2 %			
Comment: Heat Sensitive (organic): 72.3%; Acid Soluble (inorganic): 6.5%; Inert (Non-asbestos): 21.2%			
B1611-1113-B9	119111645-09	*No*	NAD
3	**Location:** Bldg. 1611, Baseboard Molding Mastic		(by NYS ELAP 198.6) by Donna M. Blackwell on 11/22/19
Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 6.4 %			
Comment: Heat Sensitive (organic): 23.3%; Acid Soluble (inorganic): 70.2%; Inert (Non-asbestos): 6.4%			

See Reporting notes on last page

PLM Bulk Asbestos Report

AA198; Camp Buckner West Point, New York

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B1611-1113-B10 4	119111645-10 **Location:** Bldg. 1611, Ceramic Tile Grout	*No*	NAD [1] (by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 100 %			
B1611-1113-B11 4	119111645-11 **Location:** Bldg. 1611, Ceramic Tile Grout	*No*	NAD [1] (by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 100 %			
B1611-1113-B12 4	119111645-12 **Location:** Bldg. 1611, Ceramic Tile Grout	*No*	NAD [1] (by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 100 %			
B1611-1113-B13 5	119111645-13 **Location:** Bldg. 1611, Exterior Pipe Lagging	*No*	NAD (by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: White - Off White, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 35 %, Cellulose 65 %			
B1611-1113-B14 5	119111645-14 **Location:** Bldg. 1611, Exterior Pipe Lagging	*No*	NAD (by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: White - Off White, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 35 %, Cellulose 65 %			
B1611-1113-B15 5	119111645-15 **Location:** Bldg. 1611, Exterior Pipe Lagging	*No*	NAD (by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: White - Off White, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 35 %, Cellulose 65 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B1611-1113-B16	119111645-16	*No*	NAD
6	**Location:** Bldg. 1611, Exterior Caulk		(by NYS ELAP 198.6) by Donna M. Blackwell on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 23.9 %			
Comment: Heat Sensitive (organic): 9.4%; Acid Soluble (inorganic): 66.6%; Inert (Non-asbestos): 23.9%			
B1611-1113-B17	119111645-17	*No*	NAD
6	**Location:** Bldg. 1611, Exterior Caulk		(by NYS ELAP 198.6) by Donna M. Blackwell on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 29.3 %			
Comment: Heat Sensitive (organic): 9.1%; Acid Soluble (inorganic): 61.5%; Inert (Non-asbestos): 29.3%			
B1611-1113-B18	119111645-18	*No*	NAD
6	**Location:** Bldg. 1611, Exterior Caulk		(by NYS ELAP 198.6) by Donna M. Blackwell on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 10.9 %			
Comment: Heat Sensitive (organic): 8.8%; Acid Soluble (inorganic): 80.3%; Inert (Non-asbestos): 10.9%			
B1612-1113-B19	119111645-19	*No*	NAD
7	**Location:** Bldg. 1612, Gypsum Wallboard		(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Off White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 97 %, Cellulose 3 %, Fibrous glass Trace			
B1612-1113-B20	119111645-20	*No*	NAD
7	**Location:** Bldg. 1612, Gypsum Wallboard		(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Off White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 97 %, Cellulose 3 %, Fibrous glass Trace			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B1612-1113-B21	119111645-21	*No*	NAD
7	**Location:** Bldg. 1612, Gypsum Wallboard		(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Off White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 97 %, Cellulose 3 %, Fibrous glass Trace			
B1612-1113-B22	119111645-22	*No*	NAD
8	**Location:** Bldg. 1612, Joint Compound		(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 100 % **Comment:** yellow paint covers top surface			
B1612-1113-B23	119111645-23	*No*	NAD
8	**Location:** Bldg. 1612, Joint Compound		(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 100 %			
B1612-1113-B24	119111645-24	*No*	NAD
8	**Location:** Bldg. 1612, Joint Compound		(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 100 %			
B1612-1113-B25	119111645-25		NA
9	**Location:** Bldg. 1612, Baseboard Molding Mastic "Insufficient Material Submitted For Preparation"		
Analyst Description: Insufficient Material **Asbestos Types:** **Other Material:**			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B1612-1113-B26	119111645-26		NA
9	**Location:** Bldg. 1612, Baseboard Molding Mastic "Insufficient Material Submitted For Preparation"		
Analyst Description: Insufficient Material **Asbestos Types:** **Other Material:**			
B1612-1113-B27	119111645-27		NA
9	**Location:** Bldg. 1612, Baseboard Molding Mastic "Insufficient Material Submitted For Preparation"		
Analyst Description: Insufficient Material **Asbestos Types:** **Other Material:**			
B1612-1113-B28	119111645-28	***No***	NAD
10	**Location:** Bldg. 1612, Exterior Pipe Lagging		(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Off White, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 40 %, Cellulose 60 %			
B1612-1113-B29	119111645-29	***No***	NAD
10	**Location:** Bldg. 1612, Exterior Pipe Lagging		(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Off White, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 40 %, Cellulose 60 %			
B1612-1113-B30	119111645-30	***No***	NAD
10	**Location:** Bldg. 1612, Exterior Pipe Lagging		(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Off White, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 40 %, Cellulose 60 %			
B1612-1113-B31	119111645-31	***No***	NAD [1]
11	**Location:** Bldg. 1612, Concrete		(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Lt. Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 100 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B1612-1113-B32	119111645-32	*No*	NAD [1]
11	**Location:** Bldg. 1612, Concrete		(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 100 %			
B1612-1113-B33	119111645-33	*No*	NAD [1]
11	**Location:** Bldg. 1612, Concrete		(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 100 %			
B1612-1113-B34	119111645-34	*No*	NAD
12	**Location:** Bldg. 1612, Ceramic Tile Grout		(by NYS ELAP 198.6) by Donna M. Blackwell on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 20.1 %			
Comment: Heat Sensitive (organic): 21.6%; Acid Soluble (inorganic): 58.3%; Inert (Non-asbestos): 20.1%			
B1612-1113-B35	119111645-35	*No*	NAD
12	**Location:** Bldg. 1612, Ceramic Tile Grout		(by NYS ELAP 198.6) by Donna M. Blackwell on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 32.8 %			
Comment: Heat Sensitive (organic): 21.4%; Acid Soluble (inorganic): 45.8%; Inert (Non-asbestos): 32.8%			
B1612-1113-B36	119111645-36	*No*	NAD
12	**Location:** Bldg. 1612, Ceramic Tile Grout		(by NYS ELAP 198.6) by Donna M. Blackwell on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 52.3 %			
Comment: Heat Sensitive (organic): 21.6%; Acid Soluble (inorganic): 26.1%; Inert (Non-asbestos): 52.3%			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B1509-1113-B37 13	119111645-37 **Location:** Bldg. 1509, Gypsum Wallboard	***No***	NAD (by NYS ELAP 198.1) by Eric H. Ahles on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 97 %, Cellulose 3 %, Fibrous glass Trace			
B1509-1113-B38 13	119111645-38 **Location:** Bldg. 1509, Gypsum Wallboard	***No***	NAD (by NYS ELAP 198.1) by Eric H. Ahles on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 97 %, Cellulose 3 %, Fibrous glass Trace			
B1509-1113-B39 13	119111645-39 **Location:** Bldg. 1509, Gypsum Wallboard	***No***	NAD (by NYS ELAP 198.1) by Eric H. Ahles on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 97 %, Cellulose 3 %, Fibrous glass Trace			
B1509-1113-B40 14	119111645-40 **Location:** Bldg. 1509, Joint Compound	***No***	NAD (by NYS ELAP 198.1) by Eric H. Ahles on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 100 %			
B1509-1113-B41 14	119111645-41 **Location:** Bldg. 1509, Joint Compound	***No***	NAD (by NYS ELAP 198.1) by Eric H. Ahles on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 98 %, Cellulose 2 %			
B1509-1113-B42 14	119111645-42 **Location:** Bldg. 1509, Joint Compound	***No***	NAD (by NYS ELAP 198.1) by Eric H. Ahles on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 100 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B1509-1113-B43	119111645-43	*No*	NAD
15	**Location:** Bldg. 1509, Baseboard Molding Mastic		(by NYS ELAP 198.6) by Donna M. Blackwell on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 5.7 %			
Comment: Heat Sensitive (organic): 42.6%; Acid Soluble (inorganic): 51.7%; Inert (Non-asbestos): 5.7%			
B1509-1113-B44	119111645-44	*No*	NAD
15	**Location:** Bldg. 1509, Baseboard Molding Mastic		(by NYS ELAP 198.6) by Donna M. Blackwell on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 6.5 %			
Comment: Heat Sensitive (organic): 45.9%; Acid Soluble (inorganic): 47.6%; Inert (Non-asbestos): 6.5%			
B1509-1113-B45	119111645-45	*No*	NAD
15	**Location:** Bldg. 1509, Baseboard Molding Mastic		(by NYS ELAP 198.6) by Donna M. Blackwell on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 5.4 %			
Comment: Heat Sensitive (organic): 42.9%; Acid Soluble (inorganic): 51.6%; Inert (Non-asbestos): 5.4%			
B1509-1113-846	119111645-46	*No*	NAD
16	**Location:** Bldg. 1509, Ceramic Tile Grout		(by NYS ELAP 198.1) by Eric H. Ahles on 11/22/19
Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 100 %			
B1509-1113-847	119111645-47	*No*	NAD
16	**Location:** Bldg. 1509, Ceramic Tile Grout		(by NYS ELAP 198.1) by Eric H. Ahles on 11/22/19
Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 100 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B1509-1113-848 16	119111645-48 **Location:** Bldg. 1509, Ceramic Tile Grout	*No*	NAD (by NYS ELAP 198.1) by Eric H. Ahles on 11/22/19
Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 100 %			
B1509-1113-B49 17	119111645-49 **Location:** Bldg. 1509, Outer Wrap on Fiberglass	*No*	NAD (by NYS ELAP 198.6) by Donna M. Blackwell on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 38 % **Comment:** Heat Sensitive (organic): 46.1%; Acid Soluble (inorganic): 15.8%; Inert (Non-asbestos): 38.0%			
B1509-1113-B50 17	119111645-50 **Location:** Bldg. 1509, Outer Wrap on Fiberglass	*No*	NAD (by NYS ELAP 198.6) by Donna M. Blackwell on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 17.3 % **Comment:** Heat Sensitive (organic): 22.5%; Acid Soluble (inorganic): 60.2%; Inert (Non-asbestos): 17.3%			
B1509-1113-B51 17	119111645-51 **Location:** Bldg. 1509, Outer Wrap on Fiberglass	*No*	NAD (by NYS ELAP 198.6) by Donna M. Blackwell on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 21.3 % **Comment:** Heat Sensitive (organic): 44.9%; Acid Soluble (inorganic): 33.8%; Inert (Non-asbestos): 21.3%			
B1509-1113-B52 18	119111645-52 **Location:** Bldg. 1509, Exterior Tar	*No*	NAD (by NYS ELAP 198.6) by Donna M. Blackwell on 11/22/19
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 0.1 % **Comment:** Heat Sensitive (organic): 99.8%; Acid Soluble (inorganic): 0.1%; Inert (Non-asbestos): 0.1%			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B1509-1113-B53	119111645-53	*No*	NAD
18	**Location:** Bldg. 1509, Exterior Tar		(by NYS ELAP 198.6) by Donna M. Blackwell on 11/22/19
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 0.1 % **Comment:** Heat Sensitive (organic): 99.9%; Inert (Non-asbestos): 0.1%			
B1509-1113-B54	119111645-54	*No*	NAD
18	**Location:** Bldg. 1509, Exterior Tar		(by NYS ELAP 198.1) by Donna M. Blackwell on 11/22/19
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 0.1 % **Comment:** Heat Sensitive (organic): 99.5%; Acid Soluble (inorganic): 0.4%; Inert (Non-asbestos): 0.1%			
B1509-1113-B55	119111645-55	*No*	NAD
19	**Location:** Bldg. 1509, Exterior Window Caulk		(by NYS ELAP 198.6) by Donna M. Blackwell on 11/22/19
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 8.2 % **Comment:** Heat Sensitive (organic): 79.7%; Acid Soluble (inorganic): 12.1%; Inert (Non-asbestos): 8.2%			
B1509-1113-B56	119111645-56	*No*	NAD
19	**Location:** Bldg. 1509, Exterior Window Caulk		(by NYS ELAP 198.6) by Donna M. Blackwell on 11/22/19
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 8.3 % **Comment:** Heat Sensitive (organic): 85.5%; Acid Soluble (inorganic): 6.2%; Inert (Non-asbestos): 8.3%			
B1509-1113-B57	119111645-57	*No*	NAD
19	**Location:** Bldg. 1509, Exterior Window Caulk		(by NYS ELAP 198.6) by Donna M. Blackwell on 11/22/19
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 10.8 % **Comment:** Heat Sensitive (organic): 82.5%; Acid Soluble (inorganic): 6.8%; Inert (Non-asbestos): 10.8%			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B1523-1113-B58 20	119111645-58 **Location:** Bldg. 1523, Gypsum Wallboard	*No*	NAD (by NYS ELAP 198.1) by Eric H. Ahles on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 95 %, Cellulose 3 %, Fibrous glass 2 %			
B1523-1113-B59 20	119111645-59 **Location:** Bldg. 1523, Gypsum Wallboard	*No*	NAD (by NYS ELAP 198.1) by Eric H. Ahles on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 95 %, Cellulose 3 %, Fibrous glass 2 %			
B1523-1113-B60 20	119111645-60 **Location:** Bldg. 1523, Gypsum Wallboard	*No*	NAD (by NYS ELAP 198.1) by Eric H. Ahles on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 95 %, Cellulose 3 %, Fibrous glass 2 %			
B1523-1113-B61 21	119111645-61 **Location:** Bldg. 1523, Joint Compound	*No*	NAD (by NYS ELAP 198.1) by Eric H. Ahles on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 100 %			
B1523-1113-B62 21	119111645-62 **Location:** Bldg. 1523, Joint Compound	*No*	NAD (by NYS ELAP 198.1) by Eric H. Ahles on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 100 %			
B1523-1113-B63 21	119111645-63 **Location:** Bldg. 1523, Joint Compound	*No*	NAD (by NYS ELAP 198.1) by Eric H. Ahles on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 100 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B1523-1113-B64	119111645-64	*No*	NAD
22	**Location:** Bldg. 1523, Baseboard Molding Mastic		(by NYS ELAP 198.6) by Donna M. Blackwell on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 7.1 %			
Comment: Heat Sensitive (organic): 43.2%; Acid Soluble (inorganic): 49.7%; Inert (Non-asbestos): 7.1%			
B1523-1113-B65	119111645-65	*No*	NAD
22	**Location:** Bldg. 1523, Baseboard Molding Mastic		(by NYS ELAP 198.6) by Donna M. Blackwell on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 3 %			
Comment: Heat Sensitive (organic): 44.8%; Acid Soluble (inorganic): 52.2%; Inert (Non-asbestos): 3.0%			
B1523-1113-B66	119111645-66	*No*	NAD
22	**Location:** Bldg. 1523, Baseboard Molding Mastic		(by NYS ELAP 198.6) by Donna M. Blackwell on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 6.8 %			
Comment: Heat Sensitive (organic): 42.8%; Acid Soluble (inorganic): 50.4%; Inert (Non-asbestos): 6.8%			
B1523-1113-B67	119111645-67	*No*	NAD
23	**Location:** Bldg. 1523, Ceramic Tile Grout		(by NYS ELAP 198.6) by Donna M. Blackwell on 11/22/19
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 14 %			
Comment: Heat Sensitive (organic): 59.7%; Acid Soluble (inorganic): 26.3%; Inert (Non-asbestos): 14.0%			
B1523-1113-B68	119111645-68	*No*	NAD
23	**Location:** Bldg. 1523, Ceramic Tile Grout		(by NYS ELAP 198.6) by Donna M. Blackwell on 11/22/19
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 29.5 %			
Comment: Heat Sensitive (organic): 25.4%; Acid Soluble (inorganic): 45.1%; Inert (Non-asbestos): 29.5%			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B1523-1113-B69	119111645-69	*No*	NAD
23	**Location:** Bldg. 1523, Ceramic Tile Grout		(by NYS ELAP 198.6) by Donna M. Blackwell on 11/22/19
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 12.4 %			
Comment: Heat Sensitive (organic): 57.8%; Acid Soluble (inorganic): 29.8%; Inert (Non-asbestos): 12.4%			
B1523-1113-B70	119111645-70	*No*	NAD [1]
24	**Location:** Bldg. 1523, Exterior Concrete		(by NYS ELAP 198.1) by Eric H. Ahles on 11/22/19
Analyst Description: Lt Gray - Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 100 %			
B1523-1113-B71	119111645-71	*No*	NAD [1]
24	**Location:** Bldg. 1523, Exterior Concrete		(by NYS ELAP 198.1) by Eric H. Ahles on 11/22/19
Analyst Description: Lt Gray - Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 100 %			
B1523-1113-B72	119111645-72	*No*	NAD [1]
24	**Location:** Bldg. 1523, Exterior Concrete		(by NYS ELAP 198.1) by Eric H. Ahles on 11/22/19
Analyst Description: Lt Gray - Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 100 %			
B1523-1113-B73	119111645-73	*No*	NAD
25	**Location:** Bldg. 1523, Mudded Elbows		(by NYS ELAP 198.1) by Eric H. Ahles on 11/22/19
Analyst Description: Gray, Homogeneous, Fibrous, Core Sample			
Asbestos Types:			
Other Material: Non-Asbestos 88 %, Cellulose Trace, Fibrous glass 12 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B1523-1113-B74	119111645-74	*No*	NAD
25	**Location:** Bldg. 1523, Mudded Elbows		(by NYS ELAP 198.1) by Eric H. Ahles on 11/22/19
Analyst Description: Gray, Homogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 90 %, Fibrous glass 10 %			
B1523-1113-B75	119111645-75	*No*	NAD
25	**Location:** Bldg. 1523, Mudded Elbows		(by NYS ELAP 198.1) by Eric H. Ahles on 11/22/19
Analyst Description: Gray, Homogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 90 %, Fibrous glass 10 %			
B1523-1113-B76	119111645-76	*No*	NAD
26	**Location:** Bldg. 1523, Outer Pipe Wrap on Fiberglass		(by NYS ELAP 198.6) by Donna M. Blackwell on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 15.7 %			
Comment: Heat Sensitive (organic): 77.2%; Acid Soluble (inorganic): 7.1%; Inert (Non-asbestos): 15.7%			
B1523-1113-B77	119111645-77	*No*	NAD
26	**Location:** Bldg. 1523, Outer Pipe Wrap on Fiberglass		(by NYS ELAP 198.6) by Donna M. Blackwell on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 20.2 %			
Comment: Heat Sensitive (organic): 75.6%; Acid Soluble (inorganic): 4.2%; Inert (Non-asbestos): 20.2%			
B1523-1113-B78	119111645-78	*No*	NAD
26	**Location:** Bldg. 1523, Outer Pipe Wrap on Fiberglass		(by NYS ELAP 198.6) by Donna M. Blackwell on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 23.8 %			
Comment: Heat Sensitive (organic): 73.3%; Acid Soluble (inorganic): 3.0%; Inert (Non-asbestos): 23.8%			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B1516-1114-B79 27	119111645-79 **Location:** Bldg. 1516, Gypsum Wallboard	***No***	NAD (by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Off White, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 95 %, Cellulose 5 %, Fibrous glass Trace			
B1516-1114-B80 27	119111645-80 **Location:** Bldg. 1516, Gypsum Wallboard	***No***	NAD (by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Off White, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 95 %, Cellulose 5 %, Fibrous glass Trace			
B1516-1114-B81 27	119111645-81 **Location:** Bldg. 1516, Gypsum Wallboard	***No***	NAD (by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Off White, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 95 %, Cellulose 5 %, Fibrous glass Trace			
B1516-1114-B82 28	119111645-82 **Location:** Bldg. 1516, Joint Compound	***No***	NAD (by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 100 %			
B1516-1114-B83 28	119111645-83 **Location:** Bldg. 1516, Joint Compound	***No***	NAD (by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 100 %			
B1516-1114-B84 28	119111645-84 **Location:** Bldg. 1516, Joint Compound	***No***	NAD (by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 100 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B1516-1114-B85	119111645-85	*No*	NAD
29	**Location:** Bldg. 1516, Baseboard Molding Mastic		(by NYS ELAP 198.6) by Beverly A. Schrage on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 11.8 %			
Comment: Heat Sensitive (organic): 45.0%; Acid Soluble (inorganic): 43.1%; Inert (Non-asbestos): 11.8%			
B1516-1114-B86	119111645-86	*No*	NAD
29	**Location:** Bldg. 1516, Baseboard Molding Mastic		(by NYS ELAP 198.6) by Beverly A. Schrage on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 8.8 %			
Comment: Heat Sensitive (organic): 41.8%; Acid Soluble (inorganic): 49.4%; Inert (Non-asbestos): 8.8%			
B1516-1114-B87	119111645-87	*No*	NAD
29	**Location:** Bldg. 1516, Baseboard Molding Mastic		(by NYS ELAP 198.6) by Beverly A. Schrage on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 11.5 %			
Comment: Heat Sensitive (organic): 44.0%; Acid Soluble (inorganic): 44.5%; Inert (Non-asbestos): 11.5%			
B1516-1114-B88	119111645-88	*No*	NAD
30	**Location:** Bldg. 1516, Outer Pipe Wrap on Fiberglass		(by NYS ELAP 198.6) by Beverly A. Schrage on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 36.1 %			
Comment: Heat Sensitive (organic): 45.3%; Acid Soluble (inorganic): 18.6%; Inert (Non-asbestos): 36.1%			
B1516-1114-B89	119111645-89	*No*	NAD
30	**Location:** Bldg. 1516, Outer Pipe Wrap on Fiberglass		(by NYS ELAP 198.6) by Beverly A. Schrage on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 31 %			
Comment: Heat Sensitive (organic): 55.0%; Acid Soluble (inorganic): 14.0%; Inert (Non-asbestos): 31.0%			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B1516-1114-B90	119111645-90	*No*	NAD
30	**Location:** Bldg. 1516, Outer Pipe Wrap on Fiberglass		(by NYS ELAP 198.6) by Beverly A. Schrage on 11/22/19
Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 29.7 %			
Comment: Heat Sensitive (organic): 42.0%; Acid Soluble (inorganic): 28.3%; Inert (Non-asbestos): 29.7%			
B1516-1114-B91	119111645-91	*No*	NAD
31	**Location:** Bldg. 1516, Ceramic Tile Grout		(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Off White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 100 %			
B1516-1114-B92	119111645-92	*No*	NAD
31	**Location:** Bldg. 1516, Ceramic Tile Grout		(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Off White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 100 %			
B1516-1114-B93	119111645-93	*No*	NAD
31	**Location:** Bldg. 1516, Ceramic Tile Grout		(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Off White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 100 %			
B1516-1114-B94	119111645-94	*Yes*	6.2 %
32	**Location:** Bldg. 1516, Exterior Vapor Barrier		(by NYS ELAP 198.6) by Beverly A. Schrage on 11/22/19
Analyst Description: Gray, Homogeneous, Fibrous, Bulk Material			
Asbestos Types: Chrysotile 6.2 %			
Other Material: Non-Asbestos 36.6 %, Fibrous glass 2 %			
Comment: Heat Sensitive (organic): 36.2%; Acid Soluble (inorganic): 19.0%; Inert (Non-asbestos): 38.6%			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B1516-1114-B95	119111645-95		NA/PS
32	**Location:** Bldg. 1516, Exterior Vapor Barrier		
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:** **Comment:** Heat Sensitive (organic): 39.8%; Acid Soluble (inorganic): 15.6%; Inert (Non-asbestos): 44.6%			
B1516-1114-B96	119111645-96		NA/PS
32	**Location:** Bldg. 1516, Exterior Vapor Barrier		
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:** **Comment:** Heat Sensitive (organic): 37.7%; Acid Soluble (inorganic): 25.4%; Inert (Non-asbestos): 36.8%			
B1516-1114-B97	119111645-97	***Yes***	6 %
33	**Location:** Bldg. 1516, Exterior Caulk		(by NYS ELAP 198.6) by Beverly A. Schrage on 11/22/19
Analyst Description: Brown, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** Chrysotile 5.9 % **Other Material:** Non-Asbestos 32.7 % **Comment:** Heat Sensitive (organic): 45.2%; Acid Soluble (inorganic): 16.1%; Inert (Non-asbestos): 32.7%			
B1516-1114-B98	119111645-98		NA/PS
33	**Location:** Bldg. 1516, Exterior Caulk		
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:** **Comment:** Heat Sensitive (organic): 42.8%; Acid Soluble (inorganic): 19.5%; Inert (Non-asbestos): 37.7%			
B1516-1114-B99	119111645-99		NA/PS
33	**Location:** Bldg. 1516, Exterior Caulk		
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:** **Comment:** Heat Sensitive (organic): 42.9%; Acid Soluble (inorganic): 16.0%; Inert (Non-asbestos): 41.2%			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B1516-1114-B100	119111645-100	*Yes*	4.1 %
34	**Location:** Bldg. 1516, Exterior Silver Paint		(EPA 400 PC) by Beverly A. Schrage on 11/22/19
Analyst Description: Silver, Homogeneous, Fibrous, Bulk Material			
Asbestos Types: Chrysotile 4.1 %			
Other Material: Non-Asbestos 48.5 %			
Comment: Heat Sensitive (organic): 44.1%; Acid Soluble (inorganic): 3.3%; Inert (Non-asbestos): 48.5%			
B1516-1114-B101	119111645-101		NA/PS
34	**Location:** Bldg. 1516, Exterior Silver Paint		
Analyst Description: Bulk Material			
Asbestos Types:			
Other Material:			
Comment: Heat Sensitive (organic): 40.5%; Acid Soluble (inorganic): 3.6%; Inert (Non-asbestos): 55.9%			
B1516-1114-B102	119111645-102		NA/PS
34	**Location:** Bldg. 1516, Exterior Silver Paint		
Analyst Description: Bulk Material			
Asbestos Types:			
Other Material:			
Comment: Heat Sensitive (organic): 45.6%; Acid Soluble (inorganic): 3.0%; Inert (Non-asbestos): 51.3%			
B1516-1114-B103	119111645-103	*No*	NAD [1]
35	**Location:** Bldg. 1516, Concrete Slab		(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 100 %			
B1516-1114-B104	119111645-104	*No*	NAD [1]
35	**Location:** Bldg. 1516, Concrete Slab		(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 100 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B1516-1114-B105	119111645-105	*No*	NAD [1]
35 **Location:** Bldg. 1516, Concrete Slab			(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 100 %			
B1520-1114-B106	119111645-106	*No*	NAD
36 **Location:** Bldg. 1520, Gypsum Wallboard			(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Off White, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 95 %, Cellulose 5 %, Fibrous glass Trace			
B1520-1114-B107	119111645-107	*No*	NAD
36 **Location:** Bldg. 1520, Gypsum Wallboard			(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Off White, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 95 %, Cellulose 5 %, Fibrous glass Trace			
B1520-1114-B108	119111645-108	*No*	NAD
36 **Location:** Bldg. 1520, Gypsum Wallboard			(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Off White, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 95 %, Cellulose 5 %, Fibrous glass Trace			
B1520-1114-B109	119111645-109	*No*	NAD
37 **Location:** Bldg. 1520, Joint Compound			(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 100 %			
B1520-1114-B110	119111645-110	*No*	NAD
37 **Location:** Bldg. 1520, Joint Compound			(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 100 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B1520-1114-B111	119111645-111	*No*	NAD
37 **Location:** Bldg. 1520, Joint Compound			(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 100 %			
B1520-1114-B112	119111645-112	*No*	NAD
38 **Location:** Bldg. 1520, Baseboard Molding Mastic			(by NYS ELAP 198.6) by Beverly A. Schrage on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 15.5 %			
Comment: Heat Sensitive (organic): 52.2%; Acid Soluble (inorganic): 32.3%; Inert (Non-asbestos): 15.5%			
B1520-1114-B113	119111645-113	*No*	NAD
38 **Location:** Bldg. 1520, Baseboard Molding Mastic			(by NYS ELAP 198.6) by Beverly A. Schrage on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 22.1 %			
Comment: Heat Sensitive (organic): 42.8%; Acid Soluble (inorganic): 35.2%; Inert (Non-asbestos): 22.1%			
B1520-1114-B114	119111645-114	*No*	NAD
38 **Location:** Bldg. 1520, Baseboard Molding Mastic			(by NYS ELAP 198.6) by Beverly A. Schrage on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 15.8 %			
Comment: Heat Sensitive (organic): 48.7%; Acid Soluble (inorganic): 35.4%; Inert (Non-asbestos): 15.8%			
B1520-1114-B115	119111645-115	*Yes*	8.8 %
39 **Location:** Bldg. 1520, Exterior Grey Caulk			(by NYS ELAP 198.6) by Beverly A. Schrage on 11/22/19
Analyst Description: Gray, Homogeneous, Fibrous, Bulk Material			
Asbestos Types: Chrysotile 8.8 %			
Other Material: Non-Asbestos 32.8 %			
Comment: Heat Sensitive (organic): 41.9%; Acid Soluble (inorganic): 16.4%; Inert (Non-asbestos): 32.8%			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B1520-1114-B116	119111645-116		NA/PS
39	**Location:** Bldg. 1520, Exterior Grey Caulk		
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:** **Comment:** Heat Sensitive (organic): 39.1%; Acid Soluble (inorganic): 17.9%; Inert (Non-asbestos): 43.0%			
B1520-1114-B117	119111645-117		NA/PS
39	**Location:** Bldg. 1520, Exterior Grey Caulk		
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:** **Comment:** Heat Sensitive (organic): 42.1%; Acid Soluble (inorganic): 16.0%; Inert (Non-asbestos): 41.9%			
B1520-1114-B118	119111645-118	***No***	NAD
40	**Location:** Bldg. 1520, Exterior White Caulk		(by NYS ELAP 198.6) by Beverly A. Schrage on 11/22/19
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 10.4 % **Comment:** Heat Sensitive (organic): 83.6%; Acid Soluble (inorganic): 6.0%; Inert (Non-asbestos): 10.4%			
B1520-1114-B119	119111645-119	***No***	NAD
40	**Location:** Bldg. 1520, Exterior White Caulk		(by NYS ELAP 198.6) by Beverly A. Schrage on 11/22/19
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 11.6 % **Comment:** Heat Sensitive (organic): 82.9%; Acid Soluble (inorganic): 5.5%; Inert (Non-asbestos): 11.6%			
B1520-1114-B120	119111645-120	***No***	NAD
40	**Location:** Bldg. 1520, Exterior White Caulk		(by NYS ELAP 198.6) by Beverly A. Schrage on 11/22/19
Analyst Description: Gray, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 10.3 % **Comment:** Heat Sensitive (organic): 84.2%; Acid Soluble (inorganic): 5.5%; Inert (Non-asbestos): 10.3%			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B1520-1114-B121	119111645-121	*No*	NAD [1]
41 **Location:** Bldg. 1520, Concrete Slab			(by NYS ELAP 198.1) by Eric H. Ahles on 11/22/19
Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 100 %			
B1520-1114-B122	119111645-122	*No*	NAD [1]
41 **Location:** Bldg. 1520, Concrete Slab			(by NYS ELAP 198.1) by Eric H. Ahles on 11/22/19
Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 100 %			
B1520-1114-B123	119111645-123	*No*	NAD [1]
41 **Location:** Bldg. 1520, Concrete Slab			(by NYS ELAP 198.1) by Eric H. Ahles on 11/22/19
Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 100 %			
B1520-1114-B124	119111645-124	*Yes*	7.8 %
42 **Location:** Bldg, 1520, Cloth Vapor Barrier			(by NYS ELAP 198.6) by Beverly A. Schrage on 11/22/19
Analyst Description: Gray, Homogeneous, Fibrous, Bulk Material			
Asbestos Types: Chrysotile 7.8 %			
Other Material: Non-Asbestos 29.4 %			
Comment: Heat Sensitive (organic): 39.5%; Acid Soluble (inorganic): 23.3%; Inert (Non-asbestos): 29.4%			
B1520-1114-B125	119111645-125		NA/PS
42 **Location:** Bldg. 1520, Cloth Vapor Barrier			
Analyst Description: Bulk Material			
Asbestos Types:			
Other Material:			
Comment: Heat Sensitive (organic): 42.3%; Acid Soluble (inorganic): 20.2%; Inert (Non-asbestos): 37.5%			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B1520-1114-B126	119111645-126		NA/PS
42	**Location:** Bldg. 1520, Cloth Vapor Barrier		
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:** **Comment:** Heat Sensitive (organic): 42.9%; Acid Soluble (inorganic): 15.4%; Inert (Non-asbestos): 41.7%			
B1520-1114-B127	119111645-127	***No***	NAD
43	**Location:** Bldg. 1520, Interior Yellow Paint		(by NYS ELAP 198.6) by Beverly A. Schrage on 11/22/19
Analyst Description: White/Gray, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 33.2 % **Comment:** Heat Sensitive (organic): 46.0%; Acid Soluble (inorganic): 20.8%; Inert (Non-asbestos): 33.2%			
B1520-1114-B128	119111645-128	***No***	NAD
43	**Location:** Bldg. 1520, Interior Yellow Paint		(by NYS ELAP 198.6) by Beverly A. Schrage on 11/22/19
Analyst Description: White/Gray, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 34.3 % **Comment:** Heat Sensitive (organic): 45.8%; Acid Soluble (inorganic): 19.9%; Inert (Non-asbestos): 34.3%			
B1520-1114-B129	119111645-129	***No***	NAD
43	**Location:** Bldg. 1520, Interior Yellow Paint		(by NYS ELAP 198.6) by Beverly A. Schrage on 11/22/19
Analyst Description: White/Gray, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 33.7 % **Comment:** Heat Sensitive (organic): 46.1%; Acid Soluble (inorganic): 20.2%; Inert (Non-asbestos): 33.7%			
B1520-1114-B130	119111645-130	***Yes***	4.6 %
44	**Location:** Bldg. 1520, Exterior Silver Paint		(EPA 400 PC) by Beverly A. Schrage on 11/22/19
Analyst Description: Silver, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** Chrysotile 4.6 % **Other Material:** Non-Asbestos 49.9 % **Comment:** Heat Sensitive (organic): 40.1%; Acid Soluble (inorganic): 5.5%; Inert (Non-asbestos): 49.9%			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B1520-1114-B131	119111645-131		NA/PS
44	**Location:** Bldg. 1520, Exterior Silver Paint		
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:** **Comment:** Heat Sensitive (organic): 40.3%; Acid Soluble (inorganic): 5.3%; Inert (Non-asbestos): 54.3%			
B1520-1114-B132	119111645-132		NA/PS
44	**Location:** Bldg. 1520, Exterior Silver Paint		
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:** **Comment:** Heat Sensitive (organic): 41.3%; Acid Soluble (inorganic): 1.7%; Inert (Non-asbestos): 57.0%			
B1520-1114-B133	119111645-133	***No***	NAD
45	**Location:** Bldg. 1520, Exterior Jacket Wrap		(by NYS ELAP 198.1) by Eric H. Ahles on 11/22/19
Analyst Description: White, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 80 %, Synthetic fibers 20 %			
B1520-1114-B134	119111645-134	***No***	NAD
45	**Location:** Bldg. 1520, Exterior Jacket Wrap		(by NYS ELAP 198.1) by Eric H. Ahles on 11/22/19
Analyst Description: White, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 80 %, Synthetic fibers 20 %			
B1520-1114-B135	119111645-135	***No***	NAD
45	**Location:** Bldg. 1520, Exterior Jacket Wrap		(by NYS ELAP 198.1) by Eric H. Ahles on 11/22/19
Analyst Description: White, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 80 %, Synthetic fibers 20 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

AA198; Camp Buckner West Point, New York

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B1508-1114-B136 46	119111645-136 **Location:** Bldg. 1508, Gypsum Wallboard	*No*	NAD (by NYS ELAP 198.1) by Eric H. Ahles on 11/22/19
Analyst Description: White, Heterogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 95 %, Cellulose 3 %, Fibrous glass 2 %			
B1508-1114-B137 46	119111645-137 **Location:** Bldg. 1508, Gypsum Wallboard	*No*	NAD (by NYS ELAP 198.1) by Eric H. Ahles on 11/22/19
Analyst Description: White, Heterogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 95 %, Cellulose 3 %, Fibrous glass 2 %			
B1508-1114-B138 46	119111645-138 **Location:** Bldg. 1508, Gypsum Wallboard	*No*	NAD (by NYS ELAP 198.1) by Eric H. Ahles on 11/22/19
Analyst Description: White, Heterogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 95 %, Cellulose 3 %, Fibrous glass 2 %			
B1508-1114-B139 47	119111645-139 **Location:** Bldg. 1508, Joint Compound	*No*	NAD (by NYS ELAP 198.1) by Eric H. Ahles on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 100 %			
B1508-1114-B140 47	119111645-140 **Location:** Bldg. 1508, Joint Compound	*No*	NAD (by NYS ELAP 198.1) by Eric H. Ahles on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 100 %			
B1508-1114-B141 47	119111645-141 **Location:** Bldg. 1508, Joint Compound	*No*	NAD (by NYS ELAP 198.1) by Eric H. Ahles on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 100 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

AA198; Camp Buckner West Point, New York

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B1508-1114-B142	119111645-142	*No*	NAD
48	**Location:** Bldg. 1508, Baseboard Molding Mastic		(by NYS ELAP 198.6) by Beverly A. Schrage on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 15.8 %			
Comment: Heat Sensitive (organic): 38.9%; Acid Soluble (inorganic): 45.3%; Inert (Non-asbestos): 15.8%			
B1508-1114-B143	119111645-143	*No*	NAD
48	**Location:** Bldg. 1508, Baseboard Molding Mastic		(by NYS ELAP 198.6) by Beverly A. Schrage on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 28.6 %			
Comment: Heat Sensitive (organic): 42.7%; Acid Soluble (inorganic): 28.7%; Inert (Non-asbestos): 28.6%			
B1508-1114-B144	119111645-144	*No*	NAD
48	**Location:** Bldg. 1508, Baseboard Molding Mastic		(by NYS ELAP 198.6) by Beverly A. Schrage on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 30.6 %			
Comment: Heat Sensitive (organic): 39.8%; Acid Soluble (inorganic): 29.5%; Inert (Non-asbestos): 30.6%			
B1508-1114-B145	119111645-145	*No*	NAD
49	**Location:** Bldg. 1508, Outer Pipe Wrap on Fiberglass		(by NYS ELAP 198.6) by Beverly A. Schrage on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 19 %			
Comment: Heat Sensitive (organic): 79.0%; Acid Soluble (inorganic): 2.0%; Inert (Non-asbestos): 19.0%			
B1508-1114-B146	119111645-146	*No*	NAD
49	**Location:** Bldg. 1508, Outer Pipe Wrap on Fiberglass		(by NYS ELAP 198.6) by Beverly A. Schrage on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 30.8 %			
Comment: Heat Sensitive (organic): 40.3%; Acid Soluble (inorganic): 28.8%; Inert (Non-asbestos): 30.8%			

See Reporting notes on last page

PLM Bulk Asbestos Report

AA198; Camp Buckner West Point, New York

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B1508-1114-B147	119111645-147	*No*	NAD
49	**Location:** Bldg. 1508, Outer Pipe Wrap on Fiberglass		(by NYS ELAP 198.6) by Beverly A. Schrage on 11/22/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 18.3 % **Comment:** Heat Sensitive (organic): 70.4%; Acid Soluble (inorganic): 11.3%; Inert (Non-asbestos): 18.3%			
B1508-1114-B148	119111645-148	*No*	NAD
50	**Location:** Bldg. 1508, Ceramic Tile Grout		(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Off White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 100 %			
B1508-1114-B149	119111645-149	*No*	NAD
50	**Location:** Bldg. 1508, Ceramic Tile Grout		(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Off White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 100 %			
B1508-1114-B150	119111645-150	*No*	NAD
50	**Location:** Bldg. 1508, Ceramic Tile Grout		(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Off White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 100 %			
B1503-1114-B151	119111645-151	*No*	NAD
51	**Location:** Bldg. 1503, Gypsum Wallboard		(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Off White, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 95 %, Cellulose 5 %, Fibrous glass Trace			

See Reporting notes on last page

PLM Bulk Asbestos Report

AA198; Camp Buckner West Point, New York

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B1503-1114-B152	119111645-152	*No*	NAD
51	**Location:** Bldg. 1503, Gypsum Wallboard		(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Off White, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 100 %, Fibrous glass Trace			
B1503-1114-B153	119111645-153	*No*	NAD
51	**Location:** Bldg. 1503, Gypsum Wallboard		(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Off White, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 95 %, Cellulose 5 %, Fibrous glass Trace			
B1503-1114-B154	119111645-154	*No*	NAD
52	**Location:** Bldg. 1503, Joint Compound		(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 100 %			
B1503-1114-B155	119111645-155	*No*	NAD
52	**Location:** Bldg. 1503, Joint Compound		(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 100 %			
B1503-1114-B156	119111645-156	*No*	NAD
52	**Location:** Bldg. 1503, Joint Compound		(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 100 %			
B1503-1114-B157	119111645-157		NA
53	**Location:** Bldg. 1503, Baseboard Molding Mastic "Insufficient Material Submitted For Preparation"		
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			

See Reporting notes on last page

PLM Bulk Asbestos Report

AA198; Camp Buckner West Point, New York

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B1503-1114-B158	119111645-158	*No*	NAD
53	**Location:** Bldg. 1503, Baseboard Molding Mastic		(by NYS ELAP 198.6) by Beverly A. Schrage on 11/22/19
Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 6.6 % **Comment:** Heat Sensitive (organic): 42.6%; Acid Soluble (inorganic): 50.8%; Inert (Non-asbestos): 6.6%			
B1503-1114-B159	119111645-159	*No*	NAD
53	**Location:** Bldg. 1503, Baseboard Molding Mastic		(by NYS ELAP 198.6) by Beverly A. Schrage on 11/22/19
Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 4.7 % **Comment:** Heat Sensitive (organic): 45.5%; Acid Soluble (inorganic): 49.8%; Inert (Non-asbestos): 4.7%			
B1503-1114-B161	119111645-160	*No*	NAD
	Location: Bldg. 1503, Pipe Elbow Insulation		(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Lt. Beige, Heterogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 80 %, Fibrous glass 20 %			
B1503-1114-B162	119111645-161	*No*	NAD
54	**Location:** Bldg. 1503, Pipe Elbow Insulation		(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Lt. Beige - Lt Gray, Heterogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 75 %, Fibrous glass 25 %			
B1503-1114-B163	119111645-162	*No*	NAD
54	**Location:** Bldg. 1503, Pipe Elbow Insulation		(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Lt. Beige - Lt Gray, Heterogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 75 %, Fibrous glass 25 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

AA198; Camp Buckner West Point, New York

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B1503-1114-B164 55	119111645-163 **Location:** Bldg. 1503, Leveling Compound	*No*	NAD (by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Dark Gray, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 100 %			
B1503-1114-B165 55	119111645-164 **Location:** Bldg. 1503, Leveling Compound	*No*	NAD (by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Dark Gray, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 100 %			
B1503-1114-B166 55	119111645-165 **Location:** Bldg. 1503, Leveling Compound	*No*	NAD (by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Dark Gray, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 100 %			
B1503-1114-B167 56	119111645-166 **Location:** Bldg. 1503, Exterior Pipe Lagging	*No*	NAD (by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Off White, Heterogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 50 %, Cellulose 50 %			
B1503-1114-B168 56	119111645-167 **Location:** Bldg. 1503, Exterior Pipe Lagging	*No*	NAD (by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Off White, Heterogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 50 %, Cellulose 50 %			
B1503-1114-B169 56	119111645-168 **Location:** Bldg. 1503, Exterior Pipe Lagging	*No*	NAD (by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Off White, Heterogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 50 %, Cellulose 50 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

AA198; Camp Buckner West Point, New York

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B1503-1114-B170	119111645-169		NA [1]
57	**Location:** Bldg. 1503, Concrete Slab "SAMPLE NOT RECEIVED"		
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
B1503-1114-B171	119111645-170	***No***	NAD [1]
57	**Location:** Bldg. 1503, Concrete Slab		(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Gray - Dark Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 100 %			
B1503-1114-B172	119111645-171	***No***	NAD [1]
57	**Location:** Bldg. 1503, Concrete Slab		(by NYS ELAP 198.1) by C. David Mintz on 11/24/19
Analyst Description: Gray - Dark Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 100 %			
B1503-1114-B173	119111645-172	***Yes***	4.4 %
58	**Location:** Bldg. 1503, Exterior Silver Paint		(EPA 400 PC) by Beverly A. Schrage on 11/22/19
Analyst Description: Silver, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** Chrysotile 4.4 % **Other Material:** Non-Asbestos 48.7 % **Comment:** Heat Sensitive (organic): 45.5%; Acid Soluble (inorganic): 1.4%; Inert (Non-asbestos): 48.7%			
B1503-1114-B174	119111645-173		NA/PS
58	**Location:** Bldg. 1503, Exterior Silver Paint		
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:** **Comment:** Heat Sensitive (organic): 45.7%; Acid Soluble (inorganic): 3.4%; Inert (Non-asbestos): 50.8%			

See Reporting notes on last page

PLM Bulk Asbestos Report

AA198; Camp Buckner West Point, New York

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B1503-1114-B175	119111645-174		NA/PS
58	**Location:** Bldg. 1503, Exterior Silver Paint		
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:** **Comment:** Heat Sensitive (organic): 44.2%; Acid Soluble (inorganic): 2.2%; Inert (Non-asbestos): 53.6%			
B1503-1114-B176	119111645-175	***No***	NAD (by NYS ELAP 198.6) by Beverly A. Schrage on 11/22/19
59	**Location:** Bldg. 1503, Interior Yellow Paint		
Analyst Description: OffWhite pale yellow, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 43.7 % **Comment:** Heat Sensitive (organic): 45.6%; Acid Soluble (inorganic): 10.7%; Inert (Non-asbestos): 43.7%			
B1503-1114-B177	119111645-176	***No***	NAD (by NYS ELAP 198.6) by Beverly A. Schrage on 11/22/19
59	**Location:** Bldg. 1503, Interior Yellow Paint		
Analyst Description: OffWhite pale yellow, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 47.6 % **Comment:** Heat Sensitive (organic): 46.0%; Acid Soluble (inorganic): 6.4%; Inert (Non-asbestos): 47.6%			
B1503-1114-B178	119111645-177	***No***	NAD (by NYS ELAP 198.6) by Beverly A. Schrage on 11/22/19
59	**Location:** Bldg. 1503, Interior Yellow Paint		
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 49 % **Comment:** Heat Sensitive (organic): 43.5%; Acid Soluble (inorganic): 7.6%; Inert (Non-asbestos): 49.0%			
B1612-1114-B179	119111645-178	***No***	NAD (by NYS ELAP 198.6) by Beverly A. Schrage on 11/22/19
60	**Location:** Bldg. 1612, Exterior Expansion Joint		
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-Asbestos 5.7 % **Comment:** Heat Sensitive (organic): 91.0%; Acid Soluble (inorganic): 3.3%; Inert (Non-asbestos): 5.7%			

See Reporting notes on last page

PLM Bulk Asbestos Report

AA198; Camp Buckner West Point, New York

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B1612-1114-B180	119111645-179	*No*	NAD
60 **Location:** Bldg. 1612, Exterior Expansion Joint			(by NYS ELAP 198.6) by Beverly A. Schrage on 11/22/19
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 4 %			
Comment: Heat Sensitive (organic): 92.8%; Acid Soluble (inorganic): 3.2%; Inert (Non-asbestos): 4.0%			
B1612-1114-B181	119111645-180	*No*	NAD
60 **Location:** Bldg. 1612, Exterior Expansion Joint			(by NYS ELAP 198.6) by Beverly A. Schrage on 11/22/19
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos 1.4 %			
Comment: Heat Sensitive (organic): 94.1%; Acid Soluble (inorganic): 4.4%; Inert (Non-asbestos): 1.4%			

Reporting Notes:

(1) Sample homogenized by grinding to a powder prior to analysis.

Analyzed by: C. David Mintz Date: 11/24/2019 Reviewed by:

*NAD = no asbestos detected, Detection Limit <1%, Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; "Present" or NVA = "No Visible Asbestos" are observations made during a qualitative analysis; NA = not analyzed; NA/PS = not analyzed / positive stop; PLM Bulk Asbestos Analysis by EPA 600/R-93/116 per 40 CFR 763 (NVLAP Lab Code 101904-0) and ELAP PLM Analysis Protocol 198.1 for New York friable samples which includes quantitation of any vermiculite observed (198.6 for NOB samples) or EPA 400 pt ct by EPA 600/M4-82-020 (NYSDOH ELAP Lab # 10984); CA ELAP Lab # 2508; Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested.

Subject: Re: AmeriSci Job Problem 119-11-1645; Camp Buckner West Point
From: Judi Darnell <jdarnell@gciusa.biz>
Date: 11/18/2019, 5:24 PM
To: Tony Lynch <tlynch@amerisci.com>
CC: "Wyrwa, Gary" <Gary.Wyrwa@aptim.com>

Please analyze what you have as you have them.

Thanks!

On Mon, Nov 18, 2019 at 4:48 PM Tony Lynch <tlynch@amerisci.com> wrote:

> Good afternoon,
>
> One sample was missing from this set received today. Sample B1503-1114-B170 was not included in the package. It appears this sample is a part of a group of Concrete Slab samples from Bldg 1503. We did receive samples B171 and B172 from this group. If you would like we can split some of the material from one of them to make sample B170, or mark it as not received on the report. Please advise how to proceed. Thank you!
>
> --
> Tony Lynch
> AmeriSci Richmond
> Lab Admin Department
> 804-763-1200
>
> Confidentiality Notice: Unless otherwise indicated, the information contained in this communication is confidential information for use of the individual named above. If the reader of this communication is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is prohibited.
> If you have received this communication in error, please immediately notify the sender by telephone and return the original message to the above address via the US postal Service at our expense. Samples are disposed of in 60 days unless otherwise instructed by the protocol or special instructions in writing.

--
Judi Todd Darnell
Global Consulting, Inc.
Director of Operations
6401 Golden Triangle Drive, Suite 304

119111645

GLOBAL CONSULTING, INC.

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

Project Name: Camp Buckner West Point, New York	Asbestos Inspector : Gary Wyrwa
Project Number: AA198	Lab Destination: AmeriSci Richmond
Report & Invoices to: Judi Darnell Project Manager Global Consulting, Inc. 6401 Golden Triangle Drive, Suite 304 Greenbelt, MD 20770 Office 202.832.1433 Cell 804.307.3752 jdarnell@gciusa.biz	Requested Turnaround Time: FIVE DAY TAT / POSITIVE STOP Sample Disposal: Archive 6 months **Send to: AmeriSci Richmond** **13635 Genito Road** **Midlothian, Virgina 23112** **804.763.1200** Camp Buckner NY293 and Patton Road West Point, New York
Shipping Carrier/Tracking:	Purchase Order Number:

Date	Sample ID No.	Sample Location	Analysis Requested
11/13/2019	B1611-1113-B1	Bldg. 1611, Gypsum Wallboard	PLM
11/13/2019	B1611-1113-B2	Bldg. 1611, Gypsum Wallboard	PLM
11/13/2019	B1611-1113-B3	Bldg. 1611, Gypsum Wallboard	PLM
11/13/2019	B1611-1113-B4	Bldg. 1611, Joint Compound	PLM
11/13/2019	B1611-1113-B5	Bldg. 1611, Joint Compound	PLM
11/13/2019	B1611-1113-B6	Bldg. 1611, Joint Compound	PLM
11/13/2019	B1611-1113-B7	Bldg. 1611, Baseboard Molding Mastic	PLM
11/13/2019	B1611-1113-B8	Bldg. 1611, Baseboard Molding Mastic	PLM
11/13/2019	B1611-1113-B9	Bldg. 1611, Baseboard Molding Mastic	PLM
11/13/2019	B1611-1113-B10	Bldg. 1611, Ceramic Tile Grout	PLM
11/13/2019	B1611-1113-B11	Bldg. 1611, Ceramic Tile Grout	PLM
11/13/2019	B1611-1113-B12	Bldg. 1611, Ceramic Tile Grout	PLM
11/13/2019	B1611-1113-B13	Bldg. 1611, Exterior Pipe Lagging	PLM
11/13/2019	B1611-1113-B14	Bldg. 1611, Exterior Pipe Lagging	PLM
11/13/2019	B1611-1113-B15	Bldg. 1611, Exterior Pipe Lagging	PLM
11/13/2019	B1611-1113-B16	Bldg. 1611, Exterior Caulk	PLM
11/13/2019	B1611-1113-B17	Bldg. 1611, Exterior Caulk	PLM
11/13/2019	B1611-1113-B18	Bldg. 1611, Exterior Caulk	PLM
11/13/2019	B1612-1113-B19	Bldg. 1612, Gypsum Wallboard	PLM
11/13/2019	B1612-1113-B20	Bldg. 1612, Gypsum Wallboard	PLM
11/13/2019	B1612-1113-B21	Bldg. 1612, Gypsum Wallboard	PLM
11/13/2019	B1612-1113-B22	Bldg. 1612, Joint Compound	PLM
11/13/2019	B1612-1113-B23	Bldg. 1612, Joint Compound	PLM
11/13/2019	B1612-1113-B24	Bldg. 1612, Joint Compound	PLM

Collected/Relinquished By (1):	Date: 11/15/19	Time: 1400	Received By:
Collected/Relinquished By (2):	Date	Time	Received By:
Collected/Relinquished By (3):	Date	Time	Received By:

New York State asbestos bulk samples.
All asbestos bulk samples will be analyzed via the PLM method, EPA/600/R-93/116.
Additional TEM analysis required on NOBs.
Positive stop per sample set.
FIVE DAY turn-around-time.

RECEIVED

NOV 18 2019

By RRR

119111645

GLOBAL CONSULTING, INC.

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

Project Name: Camp Buckner West Point, New York	Asbestos Inspector : Gary Wyrwa
Project Number: AA198	Lab Destination: AmeriSci Richmond
Report & Invoices to: Judi Darnell Project Manager Global Consulting, Inc. 6401 Golden Triangle Drive, Suite 304 Greenbelt, MD 20770 Office 202.832.1433 Cell 804.307.3752 jdarnell@gciusa.biz	Requested Turnaround Time: **FIVE DAY TAT / POSITIVE STOP** Sample Disposal: Archive 6 months **Send to: AmeriSci Richmond** **13635 Genito Road** **Midlothian, Virgina 23112** **804.763.1200** Camp Buckner NY293 and Patton Road West Point, New York
Shipping Carrier/Tracking:	Purchase Order Number:

Date	Sample ID No.	Sample Location	Analysis Requested
11/13/2019	B1612-1113-B25	Bldg. 1612, Baseboard Molding Mastic	PLM
11/13/2019	B1612-1113-B26	Bldg. 1612, Baseboard Molding Mastic	PLM
11/13/2019	B1612-1113-B27	Bldg. 1612, Baseboard Molding Mastic	PLM
11/13/2019	B1612-1113-B28	Bldg. 1612, Exterior Pipe Lagging	PLM
11/13/2019	B1612-1113-B29	Bldg. 1612, Exterior Pipe Lagging	PLM
11/13/2019	B1612-1113-B30	Bldg. 1612, Exterior Pipe Lagging	PLM
11/13/2019	B1612-1113-B31	Bldg. 1612, Concrete	PLM
11/13/2019	B1612-1113-B32	Bldg. 1612, Concrete	PLM
11/13/2019	B1612-1113-B33	Bldg. 1612, Concrete	PLM
11/13/2019	B1612-1113-B34	Bldg. 1612, Ceramic Tile Grout	PLM
11/13/2019	B1612-1113-B35	Bldg. 1612, Ceramic Tile Grout	PLM
11/13/2019	B1612-1113-B36	Bldg. 1612, Ceramic Tile Grout	PLM
11/13/2019	B1509-1113-B37	Bldg. 1509, Gypsum Wallboard	PLM
11/13/2019	B1509-1113-B38	Bldg. 1509, Gypsum Wallboard	PLM
11/13/2019	B1509-1113-B39	Bldg. 1509, Gypsum Wallboard	PLM
11/13/2019	B1509-1113-B40	Bldg. 1509, Joint Compound	PLM
11/13/2019	B1509-1113-B41	Bldg. 1509, Joint Compound	PLM
11/13/2019	B1509-1113-B42	Bldg. 1509, Joint Compound	PLM
11/13/2019	B1509-1113-B43	Bldg. 1509, Baseboard Molding Mastic	PLM
11/13/2019	B1509-1113-B44	Bldg. 1509, Baseboard Molding Mastic	PLM
11/13/2019	B1509-1113-B45	Bldg. 1509, Baseboard Molding Mastic	PLM
11/13/2019	B1509-1113-B46	Bldg. 1509, Ceramic Tile Grout	PLM
11/13/2019	B1509-1113-B47	Bldg. 1509, Ceramic Tile Grout	PLM
11/13/2019	B1509-1113-B48	Bldg. 1509, Ceramic Tile Grout	PLM

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Collected/Relinquished By (3):	Date	Time	Received By:

New York State asbestos bulk samples.
All asbestos bulk samples will be analyzed via the PLM method, EPA/600/R-93/116.
Additional TEM analysis required on NOBs.
Positive stop per sample set.
FIVE DAY turn-around-time.

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GLOBAL CONSULTING, INC.

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

Project Name: Camp Buckner West Point, New York	Asbestos Inspector : Gary Wyrwa
Project Number: AA198	Lab Destination: AmeriSci Richmond
Report & Invoices to: Judi Darnell Project Manager Global Consulting, Inc. 6401 Golden Triangle Drive, Suite 304 Greenbelt, MD 20770 Office 202.832.1433 Cell 804.307.3752 jdarnell@gciusa.biz	Requested Turnaround Time: FIVE DAY TAT / POSITIVE STOP Sample Disposal: Archive 6 months **Send to: AmeriSci Richmond** **13635 Genito Road** **Midlothian, Virgina 23112** **804.763.1200** Camp Buckner NY293 and Patton Road West Point, New York
Shipping Carrier/Tracking:	Purchase Order Number:

Date	Sample ID No.	Sample Location	Analysis Requested
11/13/2019	B1509-1113-B49	Bldg. 1509, Outer Wrap on Fiberglass	PLM
11/13/2019	B1509-1113-B50	Bldg. 1509, Outer Wrap on Fiberglass	PLM
11/13/2019	B1509-1113-B51	Bldg. 1509, Outer Wrap on Fiberglass	PLM
11/13/2019	B1509-1113-B52	Bldg. 1509, Exterior Tar	PLM
11/13/2019	B1509-1113-B53	Bldg. 1509, Exterior Tar	PLM
11/13/2019	B1509-1113-B54	Bldg. 1509, Exterior Tar	PLM
11/13/2019	B1509-1113-B55	Bldg. 1509, Exterior Window Caulk	PLM
11/13/2019	B1509-1113-B56	Bldg. 1509, Exterior Window Caulk	PLM
11/13/2019	B1509-1113-B57	Bldg. 1509, Exterior Window Caulk	PLM
11/13/2019	B1523-1113-B58	Bldg. 1523, Gypsum Wallboard	PLM
11/13/2019	B1523-1113-B59	Bldg. 1523, Gypsum Wallboard	PLM
11/13/2019	B1523-1113-B60	Bldg. 1523, Gypsum Wallboard	PLM
11/13/2019	B1523-1113-B61	Bldg. 1523, Joint Compound	PLM
11/13/2019	B1523-1113-B62	Bldg. 1523, Joint Compound	PLM
11/13/2019	B1523-1113-B63	Bldg. 1523, Joint Compound	PLM
11/13/2019	B1523-1113-B64	Bldg. 1523, Baseboard Molding Mastic	PLM
11/13/2019	B1523-1113-B65	Bldg. 1523, Baseboard Molding Mastic	PLM
11/13/2019	B1523-1113-B66	Bldg. 1523, Baseboard Molding Mastic	PLM
11/13/2019	B1523-1113-B67	Bldg. 1523, Ceramic Tile Grout	PLM
11/13/2019	B1523-1113-B68	Bldg. 1523, Ceramic Tile Grout	PLM
11/13/2019	B1523-1113-B69	Bldg. 1523, Ceramic Tile Grout	PLM
11/13/2019	B1523-1113-B70	Bldg. 1523, Exterior Concrete	PLM
11/13/2019	B1523-1113-B71	Bldg. 1523, Exterior Concrete	PLM
11/13/2019	B1523-1113-B72	Bldg. 1523, Exterior Concrete	PLM

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Shipping Carrier/Tracking:	Purchase Order Number:

Date	Sample ID No.	Sample Location	Analysis Requested
11/13/2019	B1523-1113-B73	Bldg. 1523, Mudded Elbows	PLM
11/13/2019	B1523-1113-B74	Bldg. 1523, Mudded Elbows	PLM
11/13/2019	B1523-1113-B75	Bldg. 1523, Mudded Elbows	PLM
11/13/2019	B1523-1113-B76	Bldg. 1523, Outer Pipe Wrap on Fiberglass	PLM
11/13/2019	B1523-1113-B77	Bldg. 1523, Outer Pipe Wrap on Fiberglass	PLM
11/13/2019	B1523-1113-B78	Bldg. 1523, Outer Pipe Wrap on Fiberglass	PLM
11/14/2019	B1516-1114-B79	Bldg. 1516, Gypsum Wallboard	PLM
11/14/2019	B1516-1114-B80	Bldg. 1516, Gypsum Wallboard	PLM
11/14/2019	B1516-1114-B81	Bldg. 1516, Gypsum Wallboard	PLM
11/14/2019	B1516-1114-B82	Bldg. 1516, Joint Compound	PLM
11/14/2019	B1516-1114-B83	Bldg. 1516, Joint Compound	PLM
11/14/2019	B1516-1114-B84	Bldg. 1516, Joint Compound	PLM
11/14/2019	B1516-1114-B85	Bldg. 1516, Baseboard Molding Mastic	PLM
11/14/2019	B1516-1114-B86	Bldg. 1516, Baseboard Molding Mastic	PLM
11/14/2019	B1516-1114-B87	Bldg. 1516, Baseboard Molding Mastic	PLM
11/14/2019	B1516-1114-B88	Bldg. 1516, Outer Pipe Wrap on Fiberglass	PLM
11/14/2019	B1516-1114-B89	Bldg. 1516, Outer Pipe Wrap on Fiberglass	PLM
11/14/2019	B1516-1114-B90	Bldg. 1516, Outer Pipe Wrap on Fiberglass	PLM
11/14/2019	B1516-1114-B91	Bldg. 1516, Ceramic Tile Grout	PLM
11/14/2019	B1516-1114-B92	Bldg. 1516, Ceramic Tile Grout	PLM
11/14/2019	B1516-1114-B93	Bldg. 1516, Ceramic Tile Grout	PLM
11/14/2019	B1516-1114-B94	Bldg. 1516, Exterior Vapor Barrier	PLM
11/14/2019	B1516-1114-B95	Bldg. 1516, Exterior Vapor Barrier	PLM
11/14/2019	B1516-1114-B96	Bldg. 1516, Exterior Vapor Barrier	PLM

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Report & Invoices to: Judi Darnell Project Manager Global Consulting, Inc. 6401 Golden Triangle Drive, Suite 304 Greenbelt, MD 20770 Office 202.832.1433 Cell 804.307.3752 jdarnell@gciusa.biz	Requested Turnaround Time: FIVE DAY TAT / POSITIVE STOP Sample Disposal: Archive 6 months **Send to: AmeriSci Richmond** **13635 Genito Road** **Midlothian, Virgina 23112** **804.763.1200** Camp Buckner NY293 and Patton Road West Point, New York
Shipping Carrier/Tracking:	Purchase Order Number:

Date	Sample ID No.	Sample Location	Analysis Requested
11/14/2019	B1516-1114-B97	Bldg. 1516, Exterior Caulk	PLM
11/14/2019	B1516-1114-B98	Bldg. 1516, Exterior Caulk	PLM
11/14/2019	B1516-1114-B99	Bldg. 1516, Exterior Caulk	PLM
11/14/2019	B1516-1114-B100	Bldg. 1516, Exterior Silver Paint	PLM
11/14/2019	B1516-1114-B101	Bldg. 1516, Exterior Silver Paint	PLM
11/14/2019	B1516-1114-B102	Bldg. 1516, Exterior Silver Paint	PLM
11/14/2019	B1516-1114-B103	Bldg. 1516, Concrete Slab	PLM
11/14/2019	B1516-1114-B104	Bldg. 1516, Concrete Slab	PLM
11/14/2019	B1516-1114-B105	Bldg. 1516, Concrete Slab	PLM
11/14/2019	B1520-1114-B106	Bldg. 1520, Gypsum Wallboard	PLM
11/14/2019	B1520-1114-B107	Bldg. 1520, Gypsum Wallboard	PLM
11/14/2019	B1520-1114-B108	Bldg. 1520, Gypsum Wallboard	PLM
11/14/2019	B1520-1114-B109	Bldg. 1520, Joint Compound	PLM
11/14/2019	B1520-1114-B110	Bldg. 1520, Joint Compound	PLM
11/14/2019	B1520-1114-B111	Bldg. 1520, Joint Compound	PLM
11/14/2019	B1520-1114-B112	Bldg. 1520, Baseboard Molding Mastic	PLM
11/14/2019	B1520-1114-B113	Bldg. 1520, Baseboard Molding Mastic	PLM
11/14/2019	B1520-1114-B114	Bldg. 1520, Baseboard Molding Mastic	PLM
11/14/2019	B1520-1114-B115	Bldg. 1520, Exterior Grey Caulk	PLM
11/14/2019	B1520-1114-B116	Bldg. 1520, Exterior Grey Caulk	PLM
11/14/2019	B1520-1114-B117	Bldg. 1520, Exterior Grey Caulk	PLM
11/14/2019	B1520-1114-B118	Bldg. 1520, Exterior White Caulk	PLM
11/14/2019	B1520-1114-B119	Bldg. 1520, Exterior White Caulk	PLM
11/14/2019	B1520-1114-B120	Bldg. 1520, Exterior White Caulk	PLM

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Collected/Relinquished By (3):	Date	Time	Received By:

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Shipping Carrier/Tracking:	Purchase Order Number:

Date	Sample ID No.	Sample Location	Analysis Requested
11/14/2019	B1520-1114-B121	Bldg. 1520, Concrete Slab	PLM
11/14/2019	B1520-1114-B122	Bldg. 1520, Concrete Slab	PLM
11/14/2019	B1520-1114-B123	Bldg. 1520, Concrete Slab	PLM
11/14/2019	B1520-1114-B124	Bldg. 1520, Cloth Vapor Barrier	PLM
11/14/2019	B1520-1114-B125	Bldg. 1520, Cloth Vapor Barrier	PLM
11/14/2019	B1520-1114-B126	Bldg. 1520, Cloth Vapor Barrier	PLM
11/14/2019	B1520-1114-B127	Bldg. 1520, Interior Yellow Paint	PLM
11/14/2019	B1520-1114-B128	Bldg. 1520, Interior Yellow Paint	PLM
11/14/2019	B1520-1114-B129	Bldg. 1520, Interior Yellow Paint	PLM
11/14/2019	B1520-1114-B130	Bldg. 1520, Exterior Silver Paint	PLM
11/14/2019	B1520-1114-B131	Bldg. 1520, Exterior Silver Paint	PLM
11/14/2019	B1520-1114-B132	Bldg. 1520, Exterior Silver Paint	PLM
11/14/2019	B1520-1114-B133	Bldg. 1520, Exterior Jacket Wrap	PLM
11/14/2019	B1520-1114-B134	Bldg. 1520, Exterior Jacket Wrap	PLM
11/14/2019	B1520-1114-B135	Bldg. 1520, Exterior Jacket Wrap	PLM
11/14/2019	B1508-1114-B136	Bldg. 1508, Gypsum Wallboard	PLM
11/14/2019	B1508-1114-B137	Bldg. 1508, Gypsum Wallboard	PLM
11/14/2019	B1508-1114-B138	Bldg. 1508, Gypsum Wallboard	PLM
11/14/2019	B1508-1114-B139	Bldg. 1508, Joint Compound	PLM
11/14/2019	B1508-1114-B140	Bldg. 1508, Joint Compound	PLM
11/14/2019	B1508-1114-B141	Bldg. 1508, Joint Compound	PLM
11/14/2019	B1508-1114-B142	Bldg. 1508, Baseboard Molding Mastic	PLM
11/14/2019	B1508-1114-B143	Bldg. 1508, Baseboard Molding Mastic	PLM
11/14/2019	B1508-1114-B144	Bldg. 1508, Baseboard Molding Mastic	PLM

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Collected/Relinquished By (2):	Date	Time	Received By:
Collected/Relinquished By (3):	Date	Time	Received By:

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Report & Invoices to: Judi Darnell Project Manager Global Consulting, Inc. 6401 Golden Triangle Drive, Suite 304 Greenbelt, MD 20770 Office 202.832.1433 Cell 804.307.3752 jdarnell@gciusa.biz	Requested Turnaround Time: FIVE DAY TAT / POSITIVE STOP Sample Disposal: Archive 6 months **Send to: AmeriSci Richmond** **13635 Genito Road** **Midlothian, Virgina 23112** **804.763.1200** Camp Buckner NY293 and Patton Road West Point, New York
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Date	Sample ID No.	Sample Location	Analysis Requested
11/14/2019	B1508-1114-B145	Bldg. 1508, Outer Pipe Wrap on Fiberglass	PLM
11/14/2019	B1508-1114-B146	Bldg. 1508, Outer Pipe Wrap on Fiberglass	PLM
11/14/2019	B1508-1114-B147	Bldg. 1508, Outer Pipe Wrap on Fiberglass	PLM
11/14/2019	B1508-1114-B148	Bldg. 1508, Ceramic Tile Grout	PLM
11/14/2019	B1508-1114-B149	Bldg. 1508, Ceramic Tile Grout	PLM
11/14/2019	B1508-1114-B150	Bldg. 1508, Ceramic Tile Grout	PLM
11/14/2019	B1503-1114-B151	Bldg. 1503, Gypsum Wallboard	PLM
11/14/2019	B1503-1114-B152	Bldg. 1503, Gypsum Wallboard	PLM
11/14/2019	B1503-1114-B153	Bldg. 1503, Gypsum Wallboard	PLM
11/14/2019	B1503-1114-B154	Bldg. 1503, Joint Compound	PLM
11/14/2019	B1503-1114-B155	Bldg. 1503, Joint Compound	PLM
11/14/2019	B1503-1114-B156	Bldg. 1503, Joint Compound	PLM
11/14/2019	B1503-1114-B157	Bldg. 1503, Baseboard Molding Mastic	PLM
11/14/2019	B1503-1114-B158	Bldg. 1503, Baseboard Molding Mastic	PLM
11/14/2019	B1503-1114-B159	Bldg. 1503, Baseboard Molding Mastic	PLM
11/14/2019	B1503-1114-B160	SAMPLE NOT COLLECTED	PLM
11/14/2019	B1503-1114-B161	Bldg. 1503, Pipe Elbow Insulation	PLM
11/14/2019	B1503-1114-B162	Bldg. 1503, Pipe Elbow Insulation	PLM
11/14/2019	B1503-1114-B163	Bldg. 1503, Pipe Elbow Insulation	PLM
11/14/2019	B1503-1114-B164	Bldg. 1503, Leveling Compound	PLM
11/14/2019	B1503-1114-B165	Bldg. 1503, Leveling Compound	PLM
11/14/2019	B1503-1114-B166	Bldg. 1503, Leveling Compound	PLM
11/14/2019	B1503-1114-B167	Bldg. 1503, Exterior Pipe Lagging	PLM
11/14/2019	B1503-1114-B168	Bldg. 1503, Exterior Pipe Lagging	PLM
11/14/2019	B1503-1114-B169	Bldg. 1503, Exterior Pipe Lagging	PLM

Collected/Relinquished By (1):	Date: 11/15/19	Time: 1400	Received By:
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Collected/Relinquished By (3):	Date	Time	Received By:

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Date	Sample ID No.	Sample Location	Analysis Requested
11/14/2019	B1503-1114-B170	Bldg. 1503, Concrete Slab	PLM
11/14/2019	B1503-1114-B171	Bldg. 1503, Concrete Slab	PLM
11/14/2019	B1503-1114-B172	Bldg. 1503, Concrete Slab	PLM
11/14/2019	B1503-1114-B173	Bldg. 1503, Exterior Silver Paint	PLM
11/14/2019	B1503-1114-B174	Bldg. 1503, Exterior Silver Paint	PLM
11/14/2019	B1503-1114-B175	Bldg. 1503, Exterior Silver Paint	PLM
11/14/2019	B1503-1114-B176	Bldg. 1503, Interior Yellow Paint	PLM
11/14/2019	B1503-1114-B177	Bldg. 1503, Interior Yellow Paint	PLM
11/14/2019	B1503-1114-B178	Bldg. 1503, Interior Yellow Paint	PLM
11/14/2019	B1612-1114-B179	Bldg. 1612, Exterior Expansion Joint	PLM
11/14/2019	B1612-1114-B180	Bldg. 1612, Exterior Expansion Joint	PLM
11/14/2019	B1612-1114-B181	Bldg. 1612, Exterior Expansion Joint	PLM

Collected/Relinquished By (1):	Date: 11/15/19	Time: 1700	Received By:
Collected/Relinquished By (2):	Date	Time	Received By:
Collected/Relinquished By (3):	Date	Time	Received By:

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ATTACHMENT 2 – SUMMARY OF MATERIALS SAMPLED FOR ASBESTOS

Table: Description of Homogeneous Areas and Sampling Results				
Description	**Sample #**	**Location**	**Asbestos Content**	**Photograph**
Gypsum Wallboard (homogeneous area #01)	B1611-1113-B1	Building 1611 / Various Walls	None Detected	
	B1611-1113-B2	Building 1611 / Various Walls	None Detected	
	B1611-1113-B3	Building 1611 / Various Walls	None Detected	
Joint Compound (homogeneous area #02)	B1611-1113-B4	Building 1611 / Various Walls	None Detected	
	B1611-1113-B5	Building 1611 / Various Walls	None Detected	
	B1611-1113-B6	Building 1611 / Various Walls	None Detected	
Baseboard Molding Mastic (homogeneous area #03)	B1611-1113-B7	Building 1611 / Various Walls	None Detected	
	B1611-1113-B8	Building 1611 / Various Walls	None Detected	
	B1611-1113-B9	Building 1611 / Various Walls	None Detected	
Ceramic Tile Grout (homogeneous area #04)	B1611-1113-B10	Building 1611/ Men's bathroom	None Detected	
	B1611-1113-B11	Building 1611/ Men's bathroom	None Detected	
	B1611-1113-B12	Building 1611/ Women's bathroom	None Detected	
Exterior Pipe Lagging (homogeneous area #05)	B1611-1113-B13	Building 1611/ Beneath Building	None Detected	
	B1611-1113-B14	Building 1611/ Beneath Building	None Detected	
	B1611-1113-B15	Building 1611/ Beneath Building	None Detected	

Table: Description of Homogeneous Areas and Sampling Results				
Description	**Sample #**	**Location**	**Asbestos Content**	**Photograph**
Exterior Caulk (homogeneous area #06)	B1611-1113-B16	Building 1611/ Exterior	Anthophyllite Trace	
	B1611-1113-B17	Building 1611/ Exterior	Anthophyllite Trace	
	B1611-1113-B18	Building 1611/ Exterior	Anthophyllite Trace	
Gypsum Wallboard (homogeneous area #07)	B1612-1113-B19	Building 1612/ Various Walls	None Detected	
	B1612-1113-B20	Building 1612/ Various Walls	None Detected	
	B1612-1113-B21	Building 1612/ Various Walls	None Detected	
Joint Compound (homogeneous area #08)	B1612-1113-B22	Building 1612/ Various Walls	None Detected	
	B1612-1113-B23	Building 1612/ Various Walls	None Detected	
	B1612-1113-B24	Building 1612/ Various Walls	None Detected	
Baseboard Molding Mastic (homogeneous area #09)	B1612-1113-B25	Building 1612/ Various Walls	None Detected	
	B1612-1113-B26	Building 1612/ Various Walls	None Detected	
	B1612-1113-B27	Building 1612/ Various Walls	None Detected	
Exterior Pipe Lagging (homogeneous area #10)	B1612-1113-B28	Building 1612/ Beneath Building	None Detected	
	B1612-1113-B29	Building 1612/ Beneath Building	None Detected	
	B1612-1113-B30	Building 1612/ Beneath Building	None Detected	

Table: Description of Homogeneous Areas and Sampling Results				
Description	**Sample #**	**Location**	**Asbestos Content**	**Photograph**
Concrete (homogeneous area #11)	B1612-1113-B31	Building 1612/ Interior Floor	None Detected	
	B1612-1113-B32	Building 1612/ Interior Floor	None Detected	
	B1612-1113-B33	Building 1612/ Exterior Slab	None Detected	
Ceramic Tile Grout (homogeneous area #12)	B1612-1113-B34	Building 1612/ Men's Bathroom	None Detected	
	B1612-1113-B35	Building 1612/ Men's Bathroom	None Detected	
	B1612-1113-B36	Building 1612/ Women's Bathroom	None Detected	
Gypsum Wallboard (homogeneous area #13)	B1509-1113-B37	Building 1509/ Various Walls	None Detected	
	B1509-1113-B38	Building 1509/ Various Walls	None Detected	
	B1509-1113-B39	Building 1509/ Various Walls	None Detected	
Joint Compound (homogeneous area #14)	B1509-1113-B40	Building 1509/ Various Walls	None Detected	
	B1509-1113-B41	Building 1509/ Various Walls	None Detected	
	B1509-1113-B42	Building 1509/ Various Walls	None Detected	
Baseboard Molding Mastic (homogeneous area #15)	B1509-1113-B43	Building 1509/ Various Walls	None Detected	
	B1509-1113-B44	Building 1509/ Various Walls	None Detected	
	B1509-1113-B45	Building 1509/ Various Walls	None Detected	

Table: Description of Homogeneous Areas and Sampling Results				
Description	**Sample #**	**Location**	**Asbestos Content**	**Photograph**
Ceramic Tile Grout (homogeneous area #16)	B1509-1113-B46	Building 1509/ Men's Bathroom	None Detected	
	B1509-1113-B47	Building 1509/ Women's Bathroom	None Detected	
	B1509-1113-B48	Building 1509/ Women's Bathroom	None Detected	
Outer Wrap on Fiberglass (homogeneous area #17)	B1509-1113-B49	Building 1509/ Men's Bathroom	None Detected	
	B1509-1113-B50	Building 1509/ Men's Bathroom	None Detected	
	B1509-1113-B51	Building 1509/ Men's Bathroom	None Detected	
Exterior Tar (homogeneous area #18)	B1509-1113-B52	Building 1509/ Exterior	None Detected	
	B1509-1113-B53	Building 1509/ Exterior	None Detected	
	B1509-1113-B54	Building 1509/ Exterior	None Detected	
Exterior Window Caulk (homogeneous area #19)	B1509-1113-B55	Building 1509/ Exterior	None Detected	
	B1509-1113-B56	Building 1509/ Exterior	None Detected	
	B1509-1113-B57	Building 1509/ Exterior	None Detected	
Gypsum Wallboard (homogeneous area #20)	B1523-1113-B58	Building 1523/ Various Walls	None Detected	
	B1523-1113-B59	Building 1523/ Various Walls	None Detected	
	B1523-1113-B60	Building 1523/ Various Walls	None Detected	

Table: Description of Homogeneous Areas and Sampling Results				
Description	**Sample #**	**Location**	**Asbestos Content**	**Photograph**
Joint Compound (homogeneous area #21)	B1523-1113-B61	Building 1523/ Various Walls	None Detected	
	B1523-1113-B62	Building 1523/ Various Walls	None Detected	
	B1523-1113-B63	Building 1523/ Various Walls	None Detected	
Baseboard Molding Mastic (homogeneous area #22)	B1523-1113-B64	Building 1523/ Various Walls	None Detected	
	B1523-1113-B65	Building 1523/ Various Walls	None Detected	
	B1523-1113-B66	Building 1523/ Various Walls	None Detected	
Ceramic Tile Grout (homogeneous area #23)	B1523-1113-B67	Building 1523/ Men's Bathroom	None Detected	
	B1523-1113-B68	Building 1523/ Men's Bathroom	None Detected	
	B1523-1113-B69	Building 1523/ Women's Bathroom	None Detected	
Exterior Concrete (homogeneous area #24)	B1523-1113-B70	Building 1523/ Exterior	None Detected	
	B1523-1113-B71	Building 1523/ Exterior	None Detected	
	B1523-1113-B72	Building 1523/ Exterior	None Detected	
Mudded Elbows (homogeneous area #25)	B1523-1113-B73	Building 1523/ Men's Bathroom	None Detected	
	B1523-1113-B74	Building 1523/ Men's Bathroom	None Detected	
	B1523-1113-B75	Building 1523/ Men's Bathroom	None Detected	

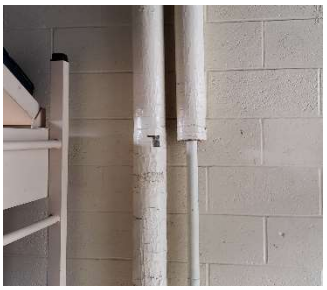
Table: Description of Homogeneous Areas and Sampling Results				
Description	**Sample #**	**Location**	**Asbestos Content**	**Photograph**
Outer Wrap on Fiberglass (homogeneous area #26)	B1523-1113-B76	Building 1523/ Men's Bathroom	None Detected	
	B1523-1113-B77	Building 1523/ Men's Bathroom	None Detected	
	B1523-1113-B78	Building 1523/ Men's Bathroom	None Detected	
Gypsum Wallboard (homogeneous area #27)	B1516-1114-B79	Building 1516/ Various Walls	None Detected	
	B1516-1114-B80	Building 1516/ Various Walls	None Detected	
	B1516-1114-B81	Building 1516/ Various Walls	None Detected	
Joint Compound (homogeneous area #28)	B1516-1114-B82	Building 1516/ Various Walls	None Detected	
	B1516-1114-B83	Building 1516/ Various Walls	None Detected	
	B1516-1114-B84	Building 1516/ Various Walls	None Detected	
Baseboard Molding Mastic (homogeneous area #29)	B1516-1114-B85	Building 1516/ Various Walls	None Detected	
	B1516-1114-B86	Building 1516/ Various Walls	None Detected	
	B1516-1114-B87	Building 1516/ Various Walls	None Detected	
Outer Wrap on Fiberglass (homogeneous area #30)	B1516-1114-B88	Building 1516/ Men's Bathroom	Chrysotile Trace	
	B1516-1114-B89	Building 1516/ Men's Bathroom	None Detected	
	B1516-1114-B90	Building 1516/ Men's Bathroom	None Detected	

Table: Description of Homogeneous Areas and Sampling Results				
Description	**Sample #**	**Location**	**Asbestos Content**	**Photograph**
Ceramic Tile Grout (homogeneous area #31)	B1516-1114-B91	Building 1516/ Men's Bathroom	None Detected	
	B1516-1114-B92	Building 1516/ Men's Bathroom	None Detected	
	B1516-1114-B93	Building 1516/ Women's Bathroom	None Detected	
Exterior Vapor Barrier (homogeneous area #32)	B1516-1114-B94	Building 1516/ Exterior	6.2% - 6.7% Chrysotile	
	B1516-1114-B95	Building 1516/ Exterior	Not Analyzed/ Positive Stop	
	B1516-1114-B96	Building 1516/ Exterior	Not Analyzed/ Positive Stop	
Exterior Caulk (homogeneous area #33)	B1516-1114-B97	Building 1516/ Exterior	4.0% - 5.9% Chrysotile	
	B1516-1114-B98	Building 1516/ Exterior	Not Analyzed/ Positive Stop	
	B1516-1114-B99	Building 1516/ Exterior	Not Analyzed/ Positive Stop	
Exterior Silver Paint (homogeneous area #34)	B1516-1114-B100	Building 1516/ Exterior	2.6% - 4.1% Chrysotile	
	B1516-1114-B101	Building 1516/ Exterior	Not Analyzed/ Positive Stop	
	B1516-1114-B102	Building 1516/ Exterior	Not Analyzed/ Positive Stop	
Concrete (homogeneous area #35)	B1516-1114-B103	Building 1516/ Exterior Slab	None Detected	
	B1516-1114-B104	Building 1516/ Exterior Slab	None Detected	
	B1516-1114-B105	Building 1516/ Exterior Slab	None Detected	

Table: Description of Homogeneous Areas and Sampling Results				
Description	**Sample #**	**Location**	**Asbestos Content**	**Photograph**
Gypsum Wallboard (homogeneous area #36)	B1520-1114-B106	Building 1520/ Various Walls	None Detected	
	B1520-1114-B107	Building 1520/ Various Walls	None Detected	
	B1520-1114-B108	Building 1520/ Various Walls	None Detected	
Joint Compound (homogeneous area #37)	B1520-1114-B109	Building 1520/ Various Walls	None Detected	
	B1520-1114-B110	Building 1520/ Various Walls	None Detected	
	B1520-1114-B111	Building 1520/ Various Walls	None Detected	
Baseboard Molding Mastic (homogeneous area #38)	B1520-1114-B112	Building 1520/ Various Walls	None Detected	
	B1520-1114-B113	Building 1520/ Various Walls	None Detected	
	B1520-1114-B114	Building 1520/ Various Walls	None Detected	
Exterior Grey Caulk (homogeneous area #39)	B1520-1114-B115	Building 1520/ Exterior	8.8% Chrysotile	
	B1520-1114-B116	Building 1520/ Exterior	Not Analyzed/ Positive Stop	
	B1520-1114-B117	Building 1520/ Exterior	Not Analyzed/ Positive Stop	
Exterior White Caulk (homogeneous area #40)	B1520-1114-B118	Building 1520/ Exterior	None Detected	
	B1520-1114-B119	Building 1520/ Exterior	None Detected	
	B1520-1114-B120	Building 1520/ Exterior	None Detected	

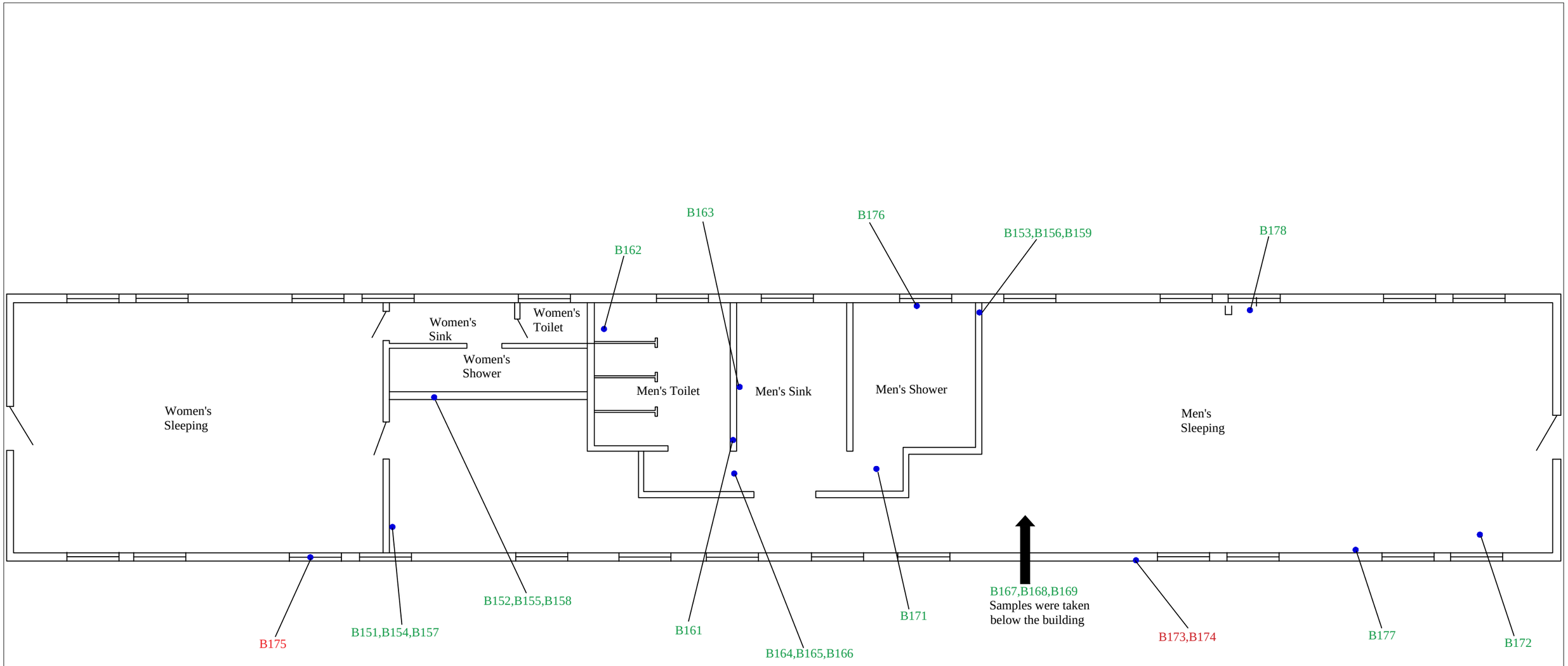
Table: Description of Homogeneous Areas and Sampling Results				
Description	**Sample #**	**Location**	**Asbestos Content**	**Photograph**
Concrete (homogeneous area #41)	B1520-1114-B121	Building 1520\ Interior Floor (Slab)	None Detected	
	B1520-1114-B122	Building 1520\ Interior Floor (Slab)	None Detected	
	B1520-1114-B123	Building 1520\ Interior Floor (Slab)	None Detected	
Cloth Vapor Barrier (homogeneous area #42)	B1520-1114-B124	Building 1520/ Exterior	7.8% Chrysotile	
	B1520-1114-B125	Building 1520/ Exterior	Not Analyzed/ Positive Stop	
	B1520-1114-B126	Building 1520/ Exterior	Not Analyzed/ Positive Stop	
Interior Yellow Paint (homogeneous area #43)	B1520-1114-B127	Building 1520/ Throughout	None Detected	
	B1520-1114-B128	Building 1520/ Throughout	None Detected	
	B1520-1114-B129	Building 1520/ Throughout	Chrysotile Trace	
Exterior Silver Paint (homogeneous area #44)	B1520-1114-B130	Building 1520/ Exterior	4.6% Chrysotile	
	B1520-1114-B131	Building 1520/ Exterior	Not Analyzed/ Positive Stop	
	B1520-1114-B132	Building 1520/ Exterior	Not Analyzed/ Positive Stop	
Exterior Jacket Wrap (homogeneous area #45)	B1520-1114-B133	Building 1520/ Beneath Building	None Detected	
	B1520-1114-B134	Building 1520/ Beneath Building	None Detected	
	B1520-1114-B135	Building 1520/ Beneath Building	None Detected	

Table: Description of Homogeneous Areas and Sampling Results				
Description	**Sample #**	**Location**	**Asbestos Content**	**Photograph**
Gypsum Wallboard (homogeneous area #46)	B1508-1114-B136	Building 1508/ Various Walls	None Detected	
	B1508-1114-B137	Building 1508/ Various Walls	None Detected	
	B1508-1114-B138	Building 1508/ Various Walls	None Detected	
Joint Compound (homogeneous area #47)	B1508-1114-B139	Building 1508/ Various Walls	None Detected	
	B1508-1114-B140	Building 1508/ Various Walls	None Detected	
	B1508-1114-B141	Building 1508/ Various Walls	None Detected	
Baseboard Molding Mastic (homogeneous area #48)	B1508-1114-B142	Building 1508/ Various Walls	None Detected	
	B1508-1114-B143	Building 1508/ Various Walls	None Detected	
	B1508-1114-B144	Building 1508/ Various Walls	None Detected	
Outer Wrap on Fiberglass (homogeneous area #49)	B1508-1114-B145	Building 1508/ Men's Bathroom	None Detected	
	B1508-1114-B146	Building 1508/ Men's Bathroom	None Detected	
	B1508-1114-B147	Building 1508/ Women's Bathroom	None Detected	
Ceramic Tile Grout (homogeneous area #50)	B1508-1114-B148	Building 1508/ Women's Bathroom	None Detected	
	B1508-1114-B149	Building 1508/ Men's Bathroom	None Detected	
	B1508-1114-B150	Building 1508/ Men's Bathroom	None Detected	

Table: Description of Homogeneous Areas and Sampling Results				
Description	**Sample #**	**Location**	**Asbestos Content**	**Photograph**
Gypsum Wallboard (homogeneous area #51)	B1503-1114-B151	Building 1503/ Various Walls	None Detected	
	B1503-1114-B152	Building 1503/ Various Walls	None Detected	
	B1503-1114-B153	Building 1503/ Various Walls	None Detected	
Joint Compound (homogeneous area #52)	B1503-1114-B154	Building 1503/ Various Walls	None Detected	
	B1503-1114-B155	Building 1503/ Various Walls	None Detected	
	B1503-1114-B156	Building 1503/ Various Walls	None Detected	
Baseboard Molding Mastic (homogeneous area #53)	B1503-1114-B157	Building 1503/ Various Walls	None Detected	
	B1503-1114-B158	Building 1503/ Various Walls	None Detected	
	B1503-1114-B159	Building 1503/ Various Walls	None Detected	
Pipe Elbow Insulation (homogeneous area #54)	B1503-1114-B161	Building 1503\ Men's Bathroom	None Detected	
	B1503-1114-B162	Building 1503\ Men's Bathroom	None Detected	
	B1503-1114-B163	Building 1503\ Men's Bathroom	None Detected	
Leveling Compound (homogeneous area #55)	B1503-1114-B164	Building 1503\ Men's Bathroom	None Detected	
	B1503-1114-B165	Building 1503\ Men's Bathroom	None Detected	
	B1503-1114-B166	Building 1503\ Men's Bathroom	None Detected	

Table: Description of Homogeneous Areas and Sampling Results				
Description	**Sample #**	**Location**	**Asbestos Content**	**Photograph**
Exterior Pipe Lagging (homogeneous area #56)	B1503-1114-B167	Building 1503/ Exterior	None Detected	
	B1503-1114-B168	Building 1503/ Exterior	None Detected	
	B1503-1114-B169	Building 1503/ Exterior	None Detected	
Concrete (homogeneous area #57)	**B1503-1114-B170**	Building 1503/ Slab	**Not Submitted**	
	B1503-1114-B171	Building 1503/ Slab	None Detected	
	B1503-1114-B172	Building 1503/ Slab	None Detected	
Exterior Silver Paint (homogeneous area #58)	B1503-1114-B173	Building 1503/ Exterior	4.4% Chrysotile	
	B1503-1114-B174	Building 1503/ Exterior	Not Analyzed/ Positive Stop	
	B1503-1114-B175	Building 1503/ Exterior	Not Analyzed/ Positive Stop	
Interior Yellow Paint (homogeneous area #59)	B1503-1114-B176	Building 1503/Throughout	None Detected	
	B1503-1114-B177	Building 1503/ Throughout	None Detected	
	B1503-1114-B178	Building 1503/ Throughout	None Detected	
Exterior Expansion Joint (homogeneous area #60)	B1612-1114-B179	Building 1612/ Exterior	None Detected	
	B1612-1114-B180	Building 1612/ Exterior	None Detected	
	B1612-1114-B181	Building 1612/ Exterior	None Detected	

ATTACHMENT 3 – DRAWINGS OF ASBESTOS BULK SAMPLING LOCATIONS



Global Consulting, Inc.
Environmental & Industrial Hygiene Consulting Services

Prepared by: **Global Consulting, Inc.**
6401 Golden Triangle Dr., Suite #304,
Greenbelt, MD 20770
(202)832-1433

JACOBS®

Prepared for:
Jacobs / EwingCole, A Joint Venture
9191 South Jamaica St.
Englewood CO 80112

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DATE	REVISED	
12/10/19		

FIGURE:
ACM Sample Locations of Camp Buckner
West Point, NY
Camp 1503

Location:
Building 1503

LEGEND:
- Sample Number Begins w/ B1508-1114-###
- Sample Collection Area
- Inaccessible at the Time of Inspection
- Negative Samples (e.g. : B162)
- Positive Samples (e.g. : B175)

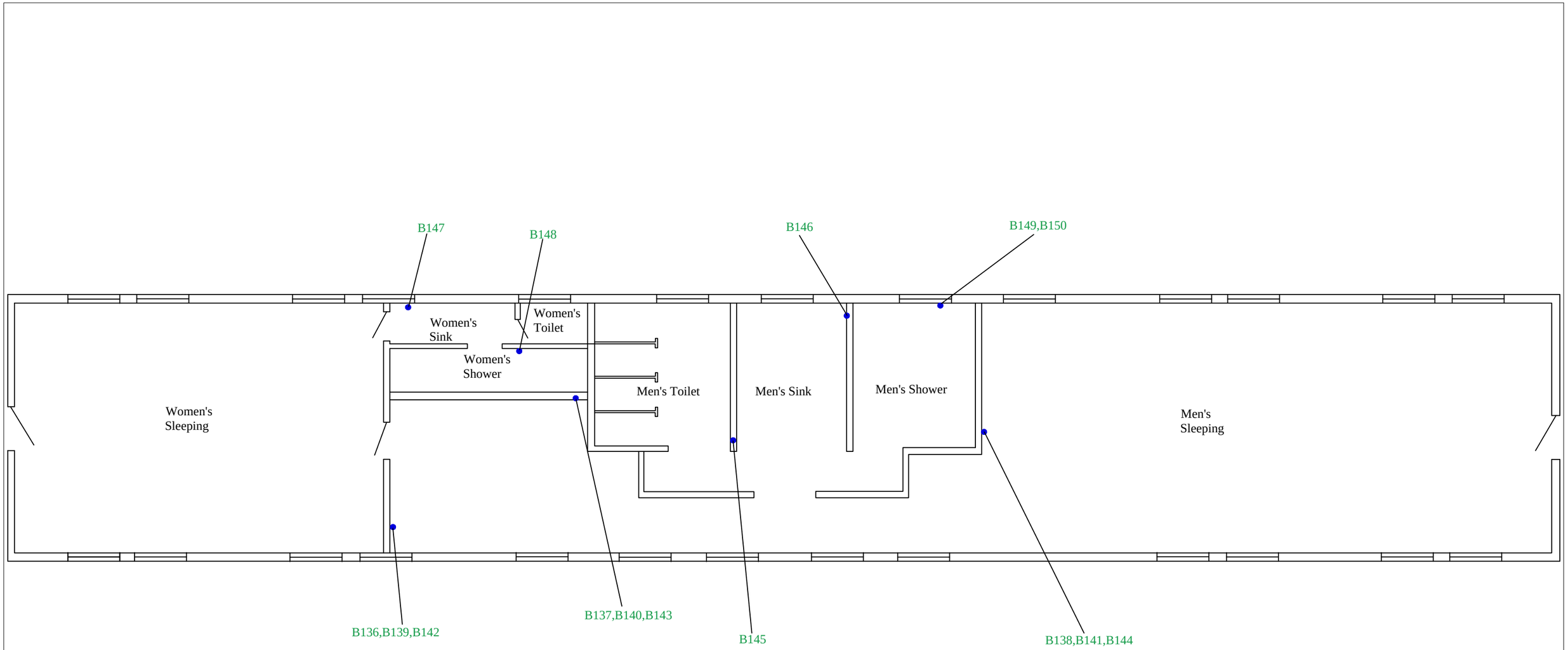

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FIGURE:
ACM Sample Locations of Camp Buckner
West Point, NY
Camp 1508

Location:
Building 1508

LEGEND:
- Sample Number Begins w/ B1508-1114-###
- Sample Collection Area
- Inaccessible at the Time of Inspection
- Negative Samples (e.g. : B147)
- Positive Samples (e.g. : B175)

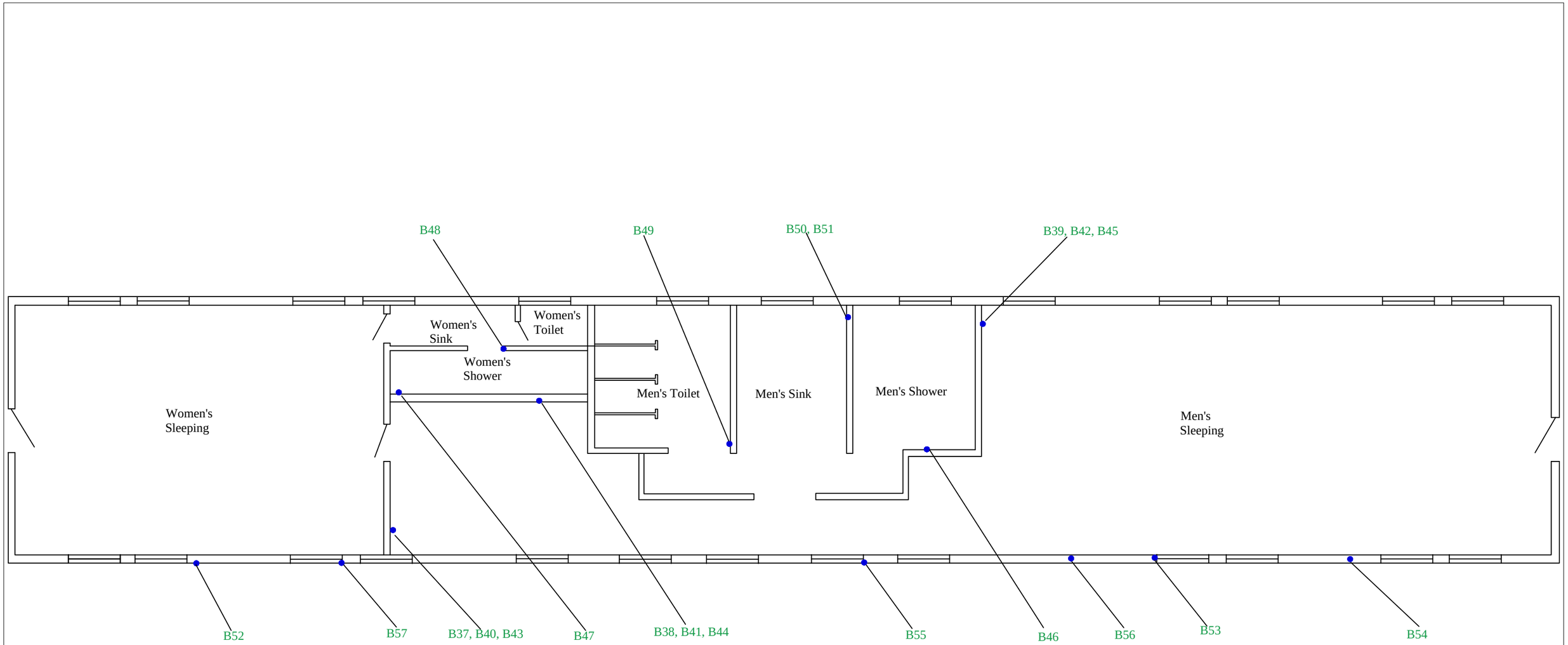

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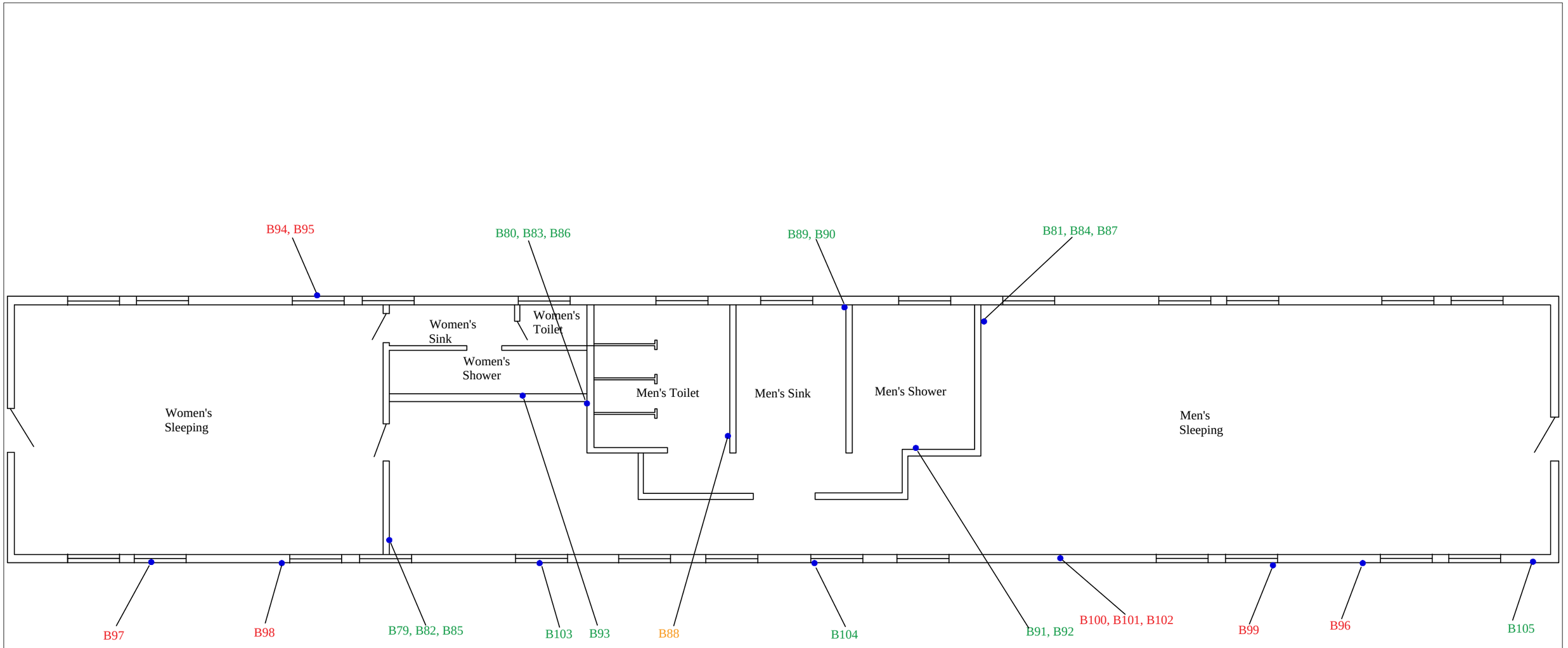
FIGURE:
ACM Sample Locations of Camp Buckner
West Point, NY
Camp 1509

Location:
Building 1509

LEGEND:
- Sample Number Begins w/ B1509-1113-###
- Sample Collection Area
- Inaccessible at the Time of Inspection
- Negative Samples (e.g. : B14)
- Positive Samples (e.g. : B96)
- Samples with Trace (e.g. : B17)



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6401 Golden Triangle Dr., Suite #304,
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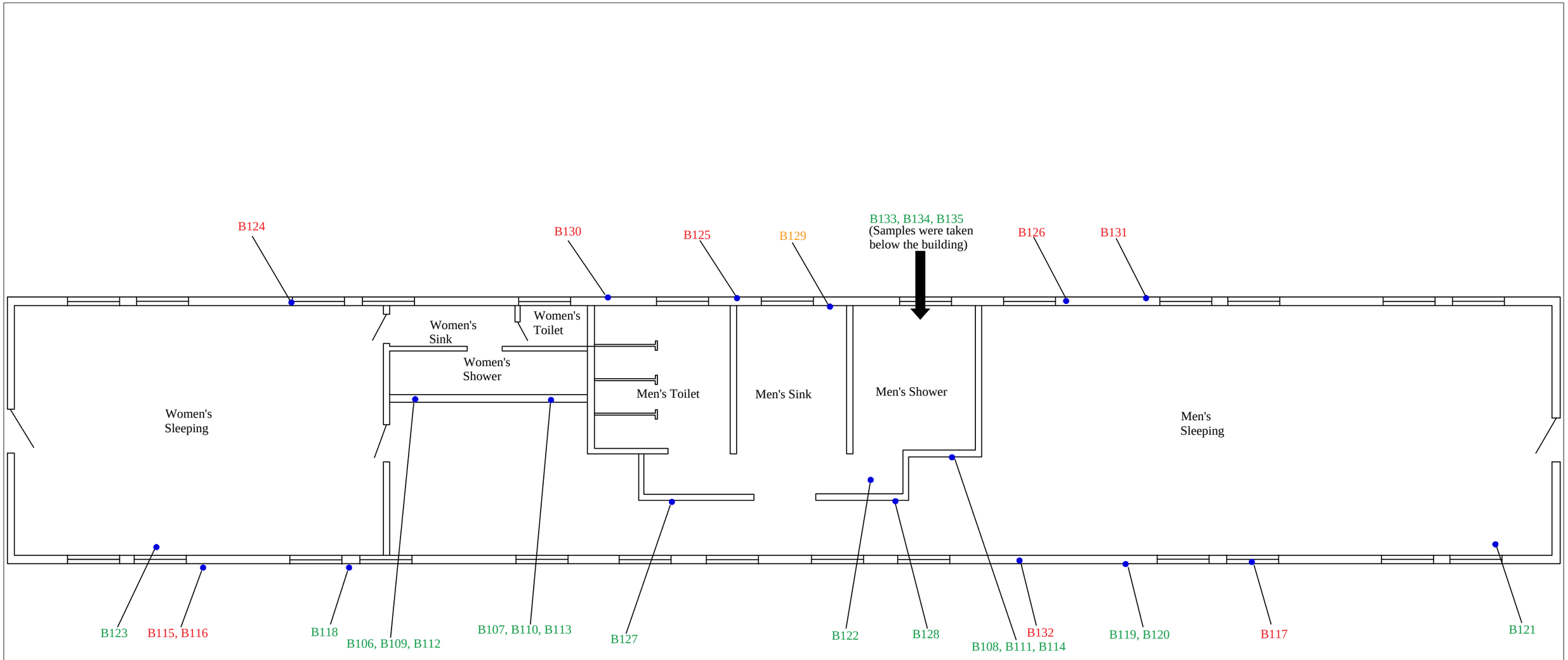
FIGURE:
ACM Sample Locations of Camp Buckner
West Point, NY
Camp 1516

Location:
Building 1516

LEGEND:
- Sample Number Begins w/ B1516-1113-###
- Sample Collection Area
- Inaccessible at the Time of Inspection
- Negative Samples (e.g. : B14)
- Positive Samples (e.g. : B96)
- Samples with Trace (e.g. : B17)



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(202)832-1433

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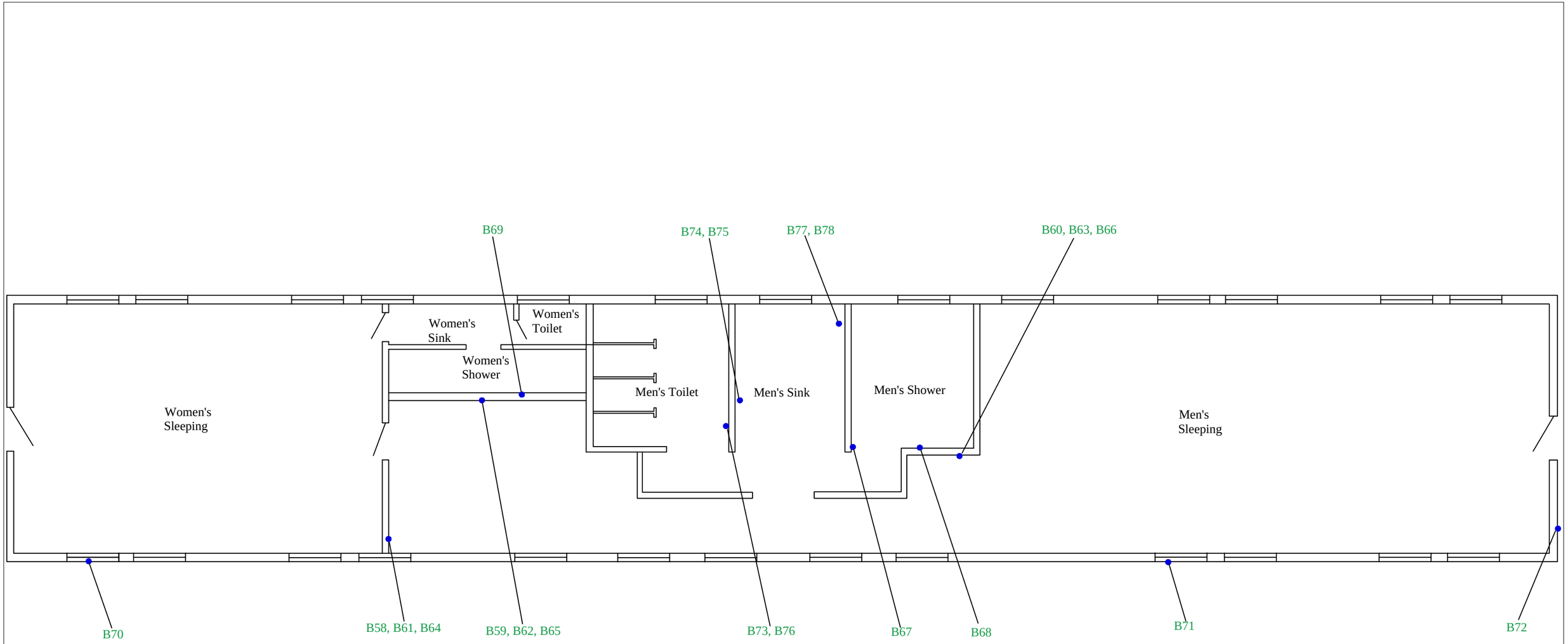
FIGURE:
ACM Sample Locations of Camp Buckner
West Point, NY
Camp 1520

Location:
Building 1520

LEGEND:
- Sample Number Begins w/ B1520-1114-###
- Sample Collection Area
- Inaccessible at the Time of Inspection
- Negative Samples (e.g. : B14)
- Positive Samples (e.g. : B96)
- Samples with Trace (e.g. : B17)



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6401 Golden Triangle Dr., Suite #304,
Greenbelt, MD 20770
(202)832-1433

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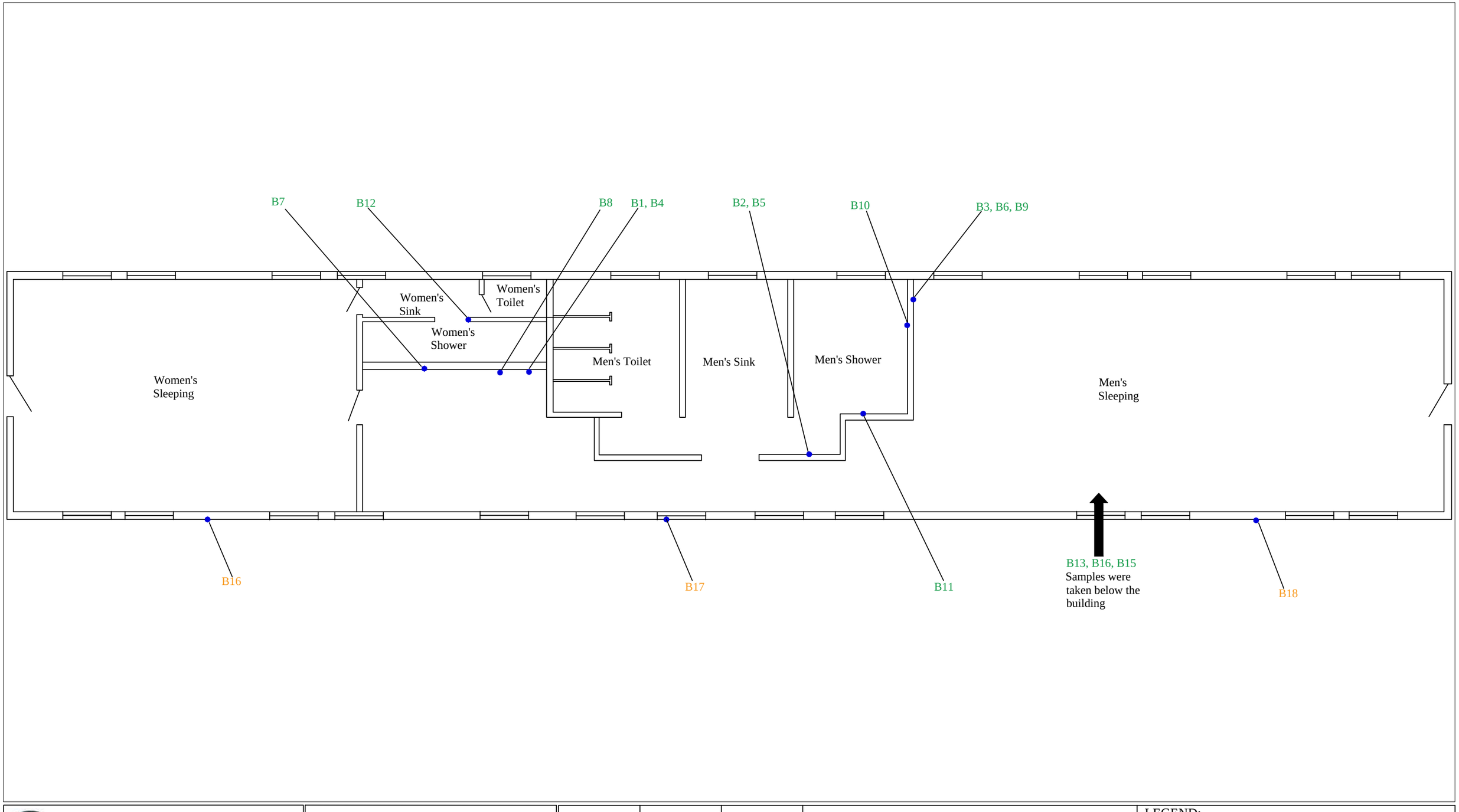
FIGURE:
ACM Sample Locations of Camp Buckner
West Point, NY
Camp 1523

Location:
Building 1523

LEGEND:
- Sample Number Begins w/ B1523-1113-###
- Sample Collection Area
- Inaccessible at the Time of Inspection
- Negative Samples (e.g. : B14)
- Positive Samples (e.g. : B96)



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6401 Golden Triangle Dr., Suite #304,
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(202)832-1433

JACOBS®

Prepared for:
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9191 South Jamaica St.
Englewood CO 80112

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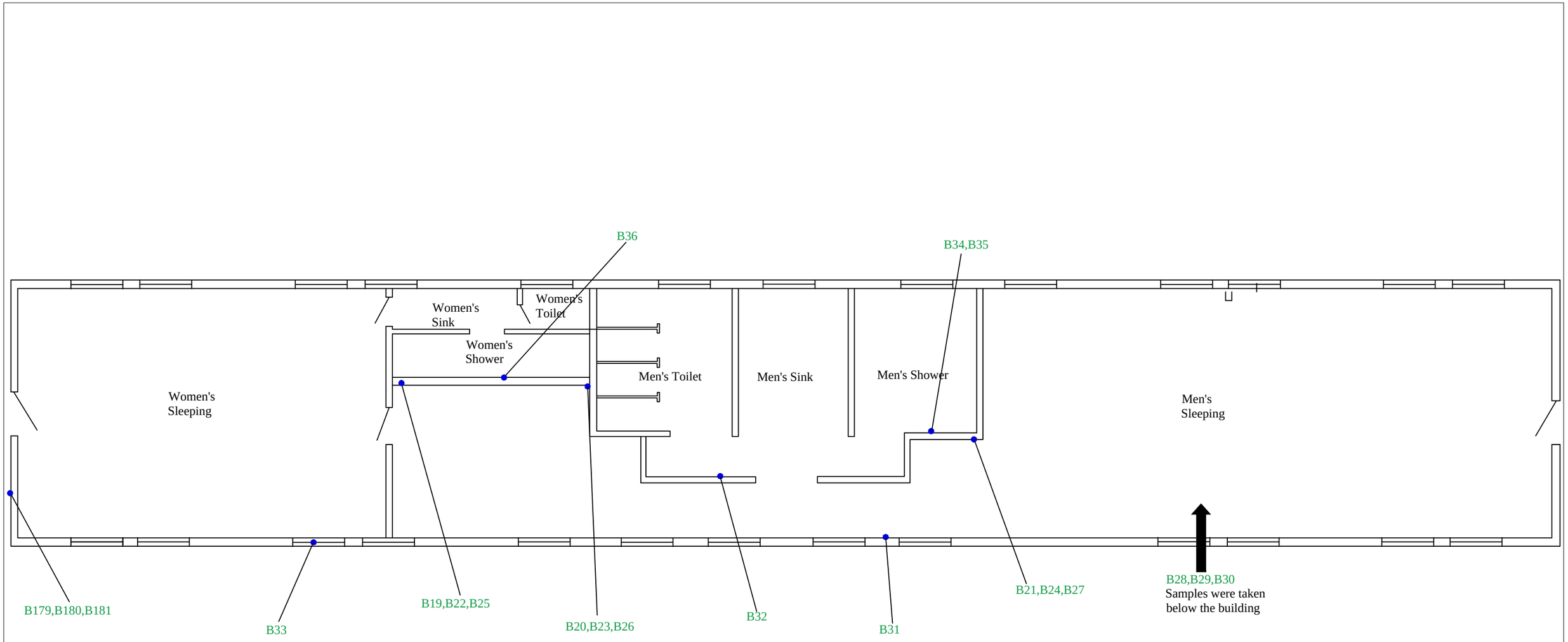
FIGURE:
ACM Sample Locations of Camp Buckner
West Point, NY
Camp 1611

Location:
Building 1611

LEGEND:
- Sample Number Begins w/ B1611-1113-###
● - Sample Collection Area
▨ - Inaccessible at the Time of Inspection
- Negative Samples (e.g. : B14)
- Positive Samples (e.g. : B96)
- Samples with Trace (e.g. : B17)



Global Consulting, Inc.
Environmental & Industrial Hygiene Consulting Services

Prepared by: **Global Consulting, Inc.**
6401 Golden Triangle Dr., Suite #304,
Greenbelt, MD 20770
(202)832-1433

JACOBS®

Prepared for:
Jacobs / EwingCole, A Joint Venture
9191 South Jamaica St.
Englewood CO 80112

DESIGNED	EDITED	SCALE
	MS	NTS
DATE	REVISED	
12/10/19		

FIGURE:
ACM Sample Locations of Camp Buckner
West Point, NY
Camp 1612

Location:
Building 1612

LEGEND:
- Sample Number Begins w/ B1612-1113-###
- Sample Number Begins w/ B1612-1114-### (B179, B180, B181)
- Sample Collection Area
- Inaccessible at the Time of Inspection
- Negative Samples (e.g. : B162)
- Positive Samples (e.g. : B175)

ATTACHMENT 4 – LBP RESULTS – XRF DATA

Instrument Serial Num	Reading #	Date	Time	Component	Substrate	Color	Condition	Result	Pb Concentration	Pb Error1s	Pb Action Level	Floor	Room	Operator	Project No.	Project Site	Method Name
804122	13-1	11/13/2019	8:47:09	VOID					<LOD	0.00749	1			sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-2	11/13/2019	8:58:13	VOID					<LOD	0.00749	1			sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-3	11/13/2019	9:02:05	VOID					0.00091	0.00011	1			sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-4	11/13/2019	9:06:20	VOID					<LOD	0.00675	1			sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-5	11/13/2019	9:08:39	VOID					0.00092	0.00019	1			sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-6	11/13/2019	9:09:09	VOID					<LOD	0.05001	1			sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-7	11/13/2019	9:09:31	CALIBRATE					1.40825	0.00743	1			sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-8	11/13/2019	9:10:49	CALIBRATE					1.43368	0.00566	1			sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-9	11/13/2019	9:14:50	CALIBRATE					1.43368	0.00566	1			sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-10	11/13/2019	9:15:54	CALIBRATE					1.41885	0.0092	1			sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-11	11/13/2019	9:18:38	Wall	Cinder block	Beige	Intact	Negative	<LOD	0.01365	1	Camp 1611		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-12	11/13/2019	9:19:24	Wall	Cinder block	Beige	Intact	Negative	<LOD	0.00039	1	Camp 1611		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-13	11/13/2019	9:22:36	Wall	Drywall	Beige	Intact	Negative	<LOD	0.00038	1	Camp 1611		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-14	11/13/2019	9:24:53	Wall	Drywall	Beige	Intact	Negative	<LOD	0.00056	1	Camp 1611		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-15	11/13/2019	9:25:35	Wall	Metal	Beige	Intact	Negative	<LOD	0.31876	1	Camp 1611		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-16	11/13/2019	9:28:46	Wall	Metal	Beige	Intact	Negative	0.1403	0.00292	1	Camp 1611		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-17	11/13/2019	9:29:58	Door frame	Metal	Gray	Intact	Negative	<LOD	2.97287	1	Camp 1611		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-18	11/13/2019	9:34:27	Door frame	Metal	Gray	Intact	Negative	<LOD	0.0006	1	Camp 1611		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-19	11/13/2019	9:36:54	Door	Metal	Gray	Intact	Negative	0.74587	0.00481	1	Camp 1611		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-20	11/13/2019	9:48:44	Door	Metal	Gray	Intact	Negative	<LOD	0.00031	1	Camp 1611		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-21	11/13/2019	9:49:27	Door	Metal	Gray	Intact	Negative	0.00035	0.00011	1	Camp 1611		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-22	11/13/2019	9:56:33	Door	Metal	Gray	Intact	Negative	0.05663	0.00115	1	Camp 1611		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-23	11/13/2019	9:57:33	Column	Steel	Gray	Intact	Negative	<LOD	0.0571	1	Camp 1611		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-24	11/13/2019	9:57:42	Column	Steel	Gray	Intact	Negative	<LOD	0.0571	1	Camp 1611		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-25	11/13/2019	9:58:19	Sink	Ceramic	White	Intact	Negative	<LOD	0.0011	1	Camp 1611		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-26	11/13/2019	10:00:41	Structural Column	Steel	Gray	Intact	Negative	0.0518	0.00152	1	Camp 1611		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-27	11/13/2019	10:01:39	Bed	Metal	Beige	Intact	Negative	<LOD	0.00051	1	Camp 1611		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-28	11/13/2019	10:02:29	Wall	Metal	Beige	Intact	Negative	<LOD	0.00044	1	Camp 1611		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-29	11/13/2019	10:02:58	Door	Metal	Gray	Intact	Negative	<LOD	0.00046	1	Camp 1611		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-30	11/13/2019	10:03:28	Exit Door	Metal	Black	Poor	Negative	<LOD	0.00039	1	Camp 1611	Entrance/Exit	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-31	11/13/2019	10:04:03	Exit Door frame	Metal	Lt Gray	Poor	Negative	0.07739	0.00199	1	Camp 1611	Entrance/Exit	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-32	11/13/2019	10:05:04	Sink	Ceramic	White	Intact	Negative	<LOD	0.00133	1	Camp 1611		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-33	11/13/2019	10:05:33	Chase (behind sink)	Metal	White	Intact	Negative	<LOD	0.00248	1	Camp 1611		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-34	11/13/2019	10:05:40	VOID					<LOD	0.00042	1	Camp 1611		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-35	11/13/2019	10:06:39	VOID					<LOD	0.00092	1	Camp 1611		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-36	11/13/2019	10:07:42	Toilet Door	Metal	Yellow	Intact	Positive	3.20993	0.01538	1	Camp 1611	Women's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-37	11/13/2019	10:10:25	Corrugated wall	Metal	Lt Gray	Intact	Negative	0.13917	0.00422	1	Camp 1611		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-38	11/13/2019	10:13:00	Pipe	Metal	Beige	Poor	Negative	0.02005	0.00075	1	Camp 1611	Men's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-39	11/13/2019	10:15:51	Pipe	Metal	Beige	Poor	Negative	0.04454	0.00191	1	Camp 1611	Men's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-40	11/13/2019	10:20:15	Exit Door	Metal	Black	Intact	Negative	<LOD	0.0005	1	Camp 1612	Arms Room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-41	11/13/2019	10:20:55	Exit Door Frame	Metal	Black	Intact	Negative	<LOD	0.00064	1	Camp 1612	Arms Room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-42	11/13/2019	10:21:31	Door frame	Metal	Gray	Intact	Negative	0.01261	0.00176	1	Camp 1612	Arms Room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-43	11/13/2019	10:22:18	Door	Metal	Gray	Intact	Negative	0.55577	0.00513	1	Camp 1612	Arms Room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-44	11/13/2019	10:23:35	Gate Door	Metal	Gray	Intact	Positive	1.77928	0.01273	1	Camp 1612	Arms Room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-45	11/13/2019	10:24:42	Wood Board	Wood	Gray	Intact	Negative	0.00061	0.00012	1	Camp 1612	Arms Room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-46	11/13/2019	10:26:38	Window Grate	Metal	Green	Intact	Negative	<LOD	0.00076	1	Camp 1612	Arms Room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-47	11/13/2019	10:28:58	Exit Door	Metal	Black	Intact	Negative	<LOD	0.00038	1	Camp 1612		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-48	11/13/2019	10:29:30	Exit Door Frame	Metal	Black	Intact	Negative	0.04162	0.00228	1	Camp 1612		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-49	11/13/2019	10:30:37	Door	Metal	Gray	Intact	Negative	<LOD	0.00044	1	Camp 1612	Partition (women section)	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-50	11/13/2019	10:31:46	Toilet Door	Metal	Yellow	Intact	Positive	3.01246	0.01358	1	Camp 1612	Women's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-51	11/13/2019	10:33:04	Chase (behind sink)	Metal	White	Intact	Negative	0.00073	0.00021	1	Camp 1612	Women's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-52	11/13/2019	10:39:59	Bathroom Door	Plastic	Gray	Intact	Negative	<LOD	0.00045	1	Camp 1612	Men's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-53	11/13/2019	10:44:10	VOID					<LOD	0.00052	1	Camp 1612		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-54	11/13/2019	10:44:44	Wall	Drywall	Beige	Intact	Negative	<LOD	0.00052	1	Camp 1612		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-55	11/13/2019	10:45:57	Wall	Cinder block	Beige	Intact	Negative	<LOD	0.0003	1	Camp 1612		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-56	11/13/2019	10:47:18	Column	Steel	Gray	Intact	Negative	0.05366	0.00132	1	Camp 1612		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-57	11/13/2019	10:49:16	Column	Steel	Gray	Intact	Negative	0.03935	0.00128	1	Camp 1612		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-58	11/13/2019	10:51:18	Sink	Ceramic	White	Intact	Negative	<LOD	0.00104	1	Camp 1612		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-59	11/13/2019	10:52:25	Pipe	Metal	Beige	Poor	Negative	0.0332	0.00061	1	Camp 1612		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-60	11/13/2019	10:54:28	Exit Door	Metal	Black	Intact	Negative	<LOD	0.00028	1	Camp 1612	Entrance/Exit	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-61	11/13/2019	10:56:12	Exit Door Frame	Metal	White	Intact	Negative	0.0489	0.00175	1	Camp 1612	Entrance/Exit	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-62	11/13/2019	10:59:23	Slop sink	Metal	White	Intact	Positive	12.25916	0.20558	1	Camp 1612	Men's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-63	11/13/2019	11:01:23	Skirting Wall Tile	Ceramic	White	Intact	Negative	0.03474	0.00078	1	Camp 1612	Men's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)

Instrument Serial Num	Reading #	Date	Time	Component	Substrate	Color	Condition	Result	Pb Concentration	Pb Error1s	Pb Action Level	Floor	Room	Operator	Project No.	Project Site	Method Name
804122	13-64	11/13/2019	14:00:06	Slop sink	Metal	White	Intact	Positive	24.86449	1.54294	1	Camp 1509	Men's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-65	11/13/2019	14:00:29	Wall	Metal	Beige	Intact	Negative	0.03555	0.00633	1	Camp 1509		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-66	11/13/2019	14:06:05	Wall	Cinder block	Beige	Intact	Negative	0.12363	0.00088	1	Camp 1509		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-67	11/13/2019	14:07:53	Sink	Ceramic	White	Intact	Negative	<LOD	0.00138	1	Camp 1509		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-68	11/13/2019	14:09:50	Skirting Wall Tile	Ceramic	White	Intact	Negative	0.00655	0.0004	1	Camp 1509		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-69	11/13/2019	14:16:50	Locker	Metal	Beige	Intact	Negative	<LOD	0.00036	1	Camp 1509		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-70	11/13/2019	14:18:07	Bed	Metal	Beige	Intact	Negative	<LOD	0.00037	1	Camp 1509		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-71	11/13/2019	14:18:51	VOID					<LOD	0.06377	1	Camp 1509		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-72	11/13/2019	14:19:53	Drain Pipe	Metal	Beige	Poor	Negative	0.43364	0.00512	1	Camp 1509	Inside the chase	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-73	11/13/2019	14:20:57	Urinal	Ceramic	White	Intact	Negative	<LOD	0.00166	1	Camp 1509		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-74	11/13/2019	14:21:41	Urinal	Ceramic	White	Intact	Negative	0.01067	0.00067	1	Camp 1509		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-75	11/13/2019	14:22:04	Skirting Wall Tile	Ceramic	White	Intact	Negative	0.00165	0.00028	1	Camp 1509		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-76	11/13/2019	14:22:50	Base (wall)	Concrete	Beige	Intact	Negative	0.24625	0.00142	1	Camp 1509		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-77	11/13/2019	14:24:48	Door	Metal	Gray	Intact	Negative	<LOD	0.00052	1	Camp 1509	Partition (women section)	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-78	11/13/2019	14:25:15	Exit Door	Metal	Black	Intact	Negative	<LOD	0.00075	1	Camp 1509		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-79	11/13/2019	14:26:00	Toilet Door	Metal	Yellow	Intact	Positive	2.7638	0.01281	1	Camp 1509	Women's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-80	11/13/2019	14:26:43	4"x4" Wall Tile	Ceramic	White	Intact	Negative	0.00685	0.00067	1	Camp 1509	Men's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-81	11/13/2019	14:27:20	Pipe	Metal	Beige	Intact	Negative	<LOD	0.00072	1	Camp 1509	Women's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-82	11/13/2019	14:28:42	Door frame	Metal	Gray	Intact	Negative	<LOD	0.0004	1	Camp 1509	Women's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-83	11/13/2019	14:29:26	Door	Metal	Gray	Intact	Negative	<LOD	0.00055	1	Camp 1509	Women's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-84	11/13/2019	14:30:17	Hand Rail	Metal	Red	Poor	Negative	<LOD	0.00055	1	Camp 1521		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-85	11/13/2019	14:47:42	Hand Rail	Metal	Red	Poor	Negative	0.17683	0.00257	1	Camp 1521		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-86	11/13/2019	14:48:48	Steps	Cement	Pink/Yellow	Poor	Negative	<LOD	0.00082	1	Camp 1523	Exterior	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-87	11/13/2019	15:01:10	Steps	Cement	Pink/Yellow	Poor	Negative	0.37291	0.00328	1	Camp 1523	Exterior	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-88	11/13/2019	15:02:36	Wall	Drywall	Beige	Intact	Negative	<LOD	0.00077	1	Camp 1523		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-89	11/13/2019	15:03:13	Wall	Cinder block	Beige	Intact	Negative	0.15096	0.00169	1	Camp 1523		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-90	11/13/2019	15:04:03	Base (wall)	Concrete	Beige	Intact	Negative	0.17609	0.00212	1	Camp 1523		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-91	11/13/2019	15:05:22	Urinal	Ceramic	White	Intact	Negative	<LOD	0.00069	1	Camp 1523		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-92	11/13/2019	15:06:31	Door	Metal	Black	Intact	Negative	<LOD	0.00074	1	Camp 1523		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-93	11/13/2019	15:10:03	CALIBRATE					0.79056	0.00307	1			sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-94	11/13/2019	15:11:20	CALIBRATE					1.11482	0.00865	1			sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	13-95	11/13/2019	15:12:33	CALIBRATE					1.12506	0.00601	1			sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-1	11/14/2019	8:43:01	CALIBRATE					1.1081	0.00814	1			sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-2	11/14/2019	8:44:07	CALIBRATE					1.11988	0.01195	1			sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-3	11/14/2019	8:44:43	CALIBRATE					1.13015	0.01141	1			sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-4	11/14/2019	8:52:46	Exit Door	Metal	Black	Intact	Negative	<LOD	0.00062	1	Camp 1516	Entrance/Exit	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-5	11/14/2019	8:53:53	Door	Metal	Gray	Intact	Negative	<LOD	0.00042	1	Camp 1516	Partition (women section)	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-6	11/14/2019	8:54:57	Partition wall	Metal	Gray	Intact	Negative	<LOD	0.00045	1	Camp 1516	Partition (women section)	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-7	11/14/2019	8:56:10	Wall	Drywall	White	Intact	Negative	<LOD	0.00051	1	Camp 1516		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-8	11/14/2019	8:57:35	Chase (behind sink)	Metal	White	Intact	Negative	<LOD	0.00047	1	Camp 1516	Women's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-9	11/14/2019	8:59:00	Sink	Ceramic	White	Intact	Negative	0.00202	0.00022	1	Camp 1516	Women's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-10	11/14/2019	9:00:54	4"x4" Wall Tile	Ceramic	White	Intact	Negative	0.00733	0.00049	1	Camp 1516	Women's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-11	11/14/2019	9:02:19	1.5"x1.5" Floor Tile	Ceramic	Off white	Intact	Negative	0.00249	0.0002	1	Camp 1516	Women's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-12	11/14/2019	9:03:37	Toilet Door	Metal	Yellow	Intact	Positive	2.96887	0.01622	1	Camp 1516	Women's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-13	11/14/2019	9:11:56	Wall	Cinder block	Beige	Intact	Negative	0.11165	0.0013	1	Camp 1516		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-14	11/14/2019	9:13:27	Slop sink	Metal	White	Intact	Positive	21.7585	0.34163	1	Camp 1516	Men's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-15	11/14/2019	9:16:08	Pipe	Metal	Beige	Intact	Negative	0.35123	0.00326	1	Camp 1516	Men's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-16	11/14/2019	9:17:37	Wall	Metal	Beige	Poor	Negative	0.19469	0.00263	1	Camp 1516	Men's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-17	11/14/2019	9:20:12	Ceiling	Metal	Beige	Poor	Negative	0.06111	0.00188	1	Camp 1516	Men's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-18	11/14/2019	9:21:28	Skirting Wall Tile	Ceramic	White	Intact	Negative	0.00549	0.00041	1	Camp 1516	Men's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-19	11/14/2019	9:22:55	Base (wall)	Concrete	Beige	Intact	Negative	0.17996	0.00156	1	Camp 1516		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-20	11/14/2019	9:24:30	1"x1" Floor Tile	Ceramic	Off white	Intact	Negative	0.00246	0.00021	1	Camp 1516	Men's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-21	11/14/2019	9:28:45	Urinal	Ceramic	White	Intact	Negative	<LOD	0.00171	1	Camp 1516	Men's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-22	11/14/2019	9:29:09	VOID					<LOD	0.00171	1	Camp 1516		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-23	11/14/2019	9:29:33	Stairs	Cement	Yellow	Intact	Positive	1.08483	0.01123	1	Camp 1516	Exterior	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-24	11/14/2019	9:29:53	Stairs	Cement	Yellow	Intact	Positive	1.48142	0.02002	1	Camp 1516	Exterior	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-25	11/14/2019	9:32:46	Base (wall)	Concrete	White	Poor	Negative	0.00441	0.00034	1	Camp 1516	Exterior	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-26	11/14/2019	9:34:13	Wall	Metal	Silver	Intact	Negative	0.08887	0.00218	1	Camp 1516	Dripped from roof	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-27	11/14/2019	9:34:51	VOID					<LOD	0.10061	1	Camp 1516		sameera meegoda	AA198	Camp Buckner	Geochem(2)

Instrument Serial Num	Reading #	Date	Time	Component	Substrate	Color	Condition	Result	Pb Concentration	Pb Error1s	Pb Action Level	Floor	Room	Operator	Project No.	Project Site	Method Name
804122	14-28	11/14/2019	9:39:52	Steps	Cement	Yellow	Intact	Positive	3.33532	0.03873	1	Camp 1520	Exterior	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-29	11/14/2019	9:41:12	Exit Door	Metal	Black	Intact	Negative	<LOD	0.00061	1	Camp 1520		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-30	11/14/2019	9:42:01	Wall	Cinder block	Beige	Intact	Negative	0.17046	0.00232	1	Camp 1520		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-31	11/14/2019	9:42:36	Chase (behind sink)	Metal	White	Intact	Negative	0.27069	0.0035	1	Camp 1520		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-32	11/14/2019	9:43:26	Wall	Metal	Beige	Intact	Negative	0.37679	0.00499	1	Camp 1520		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-33	11/14/2019	9:44:06	Slop sink	Metal	Beige	Poor	Positive	1.32526	0.01743	1	Camp 1520	Men's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-34	11/14/2019	9:44:33	Slop sink	Metal	White	Intact	Positive	21.70548	0.57548	1	Camp 1520	Men's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-35	11/14/2019	9:44:55	Sink	Ceramic	White	Intact	Negative	<LOD	0.00258	1	Camp 1520		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-36	11/14/2019	9:45:41	Wall	Drywall	White	Intact	Negative	<LOD	0.00082	1	Camp 1520		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-37	11/14/2019	9:46:10	1"x1" Floor Tile	Ceramic	Off white	Intact	Negative	0.00122	0.00025	1	Camp 1520		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-38	11/14/2019	9:46:54	Skirting Wall Tile	Ceramic	White	Intact	Negative	0.00443	0.00063	1	Camp 1520		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-39	11/14/2019	9:47:36	Door frame	Metal	Gray	Intact	Negative	<LOD	0.00068	1	Camp 1520		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-40	11/14/2019	9:48:03	Toilet Door	Metal	Yellow	Intact	Positive	3.19639	0.0291	1	Camp 1520	Women's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-41	11/14/2019	9:48:25	Commode	Ceramic	White	Intact	Negative	<LOD	0.00196	1	Camp 1520		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-42	11/14/2019	10:18:27	Hand Rail	Metal	Orange	Intact	Negative	0.21728	0.00457	1	Camp 1519		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-43	11/14/2019	10:18:54	Hand Rail	Metal	Red	Intact	Negative	0.18028	0.00427	1	Camp 1519		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-44	11/14/2019	10:51:34	Stair tread	Cement	Yellow	Intact	Negative	0.01624	0.00113	1	Camp 1616		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-45	11/14/2019	10:52:00	Stair tread	Cement	Yellow	Intact	Positive	3.06872	0.05117	1	Camp 1616	Exterior	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-46	11/14/2019	10:53:08	Exit Door	Metal	Black	Intact	Negative	<LOD	0.00048	1	Camp 1616		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-47	11/14/2019	10:53:25	Corrugated wall	Metal	Gray	Intact	Negative	0.27789	0.007	1	Camp 1616		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-48	11/14/2019	10:54:15	Exit Door frame	Metal	White	Intact	Negative	0.05805	0.00314	1	Camp 1616	Entrance/Exit	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-49	11/14/2019	10:54:56	Tray (below windows)	Metal	White	Intact	Negative	0.0306	0.00163	1	Camp 1616		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-50	11/14/2019	10:55:43	Wall	Drywall	Beige	Intact	Negative	<LOD	0.00089	1	Camp 1616		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-51	11/14/2019	10:55:58	Tray (below windows)	Metal	Gray	Intact	Negative	0.0375	0.00232	1	Camp 1616		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-52	11/14/2019	10:56:44	Wall	Cinder block	Beige	Intact	Negative	<LOD	0.00068	1	Camp 1616		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-53	11/14/2019	10:57:04	Wall	Cinder block	Beige	Poor	Negative	0.00474	0.00046	1	Camp 1616	Men's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-54	11/14/2019	10:57:46	Floor	Concrete	Gray	Intact	Negative	0.0073	0.00065	1	Camp 1616	Men's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-55	11/14/2019	10:58:04	Floor	Concrete	Gray	Intact	Negative	0.00176	0.00034	1	Camp 1616	Men's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-56	11/14/2019	10:58:43	Slop sink	Metal	White	Intact	Positive	12.17503	0.25266	1	Camp 1616	Men's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-57	11/14/2019	10:59:17	Pipe	Metal	Beige	Poor	Negative	0.11632	0.00138	1	Camp 1616		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-58	11/14/2019	11:00:17	Sink	Ceramic	White	Intact	Negative	<LOD	0.00212	1	Camp 1616		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-59	11/14/2019	11:00:43	Structural Column	Steel	Gray	Intact	Negative	0.04042	0.0029	1	Camp 1616		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-60	11/14/2019	11:01:16	Door frame	Metal	Gray	Intact	Negative	<LOD	0.00063	1	Camp 1616	Women's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-61	11/14/2019	11:01:46	Door	Metal	Gray	Intact	Negative	<LOD	0.00078	1	Camp 1616	Women's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-62	11/14/2019	11:01:59	Toilet Door	Metal	Yellow	Intact	Positive	3.59819	0.03715	1	Camp 1616	Women's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-63	11/14/2019	11:02:30	4"x4" Wall Tile	Ceramic	White	Intact	Negative	0.00711	0.00096	1	Camp 1616	Women's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-64	11/14/2019	11:13:13	Steps	Cement	Yellow	Intact	Positive	4.47706	0.10766	1	Camp 1508	Exterior	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-65	11/14/2019	11:13:55	Hand Rail	Metal	Silver	Intact	Negative	0.04262	0.00183	1	Camp 1508	Exterior	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-66	11/14/2019	11:14:42	Exit Door	Metal	Black	Intact	Negative	<LOD	0.00105	1	Camp 1508	Entrance/Exit	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-67	11/14/2019	11:14:52	Exit Door frame	Metal	Black	Intact	Negative	<LOD	0.0011	1	Camp 1508	Entrance/Exit	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-68	11/14/2019	11:15:28	Partition wall	Metal	Gray	Intact	Negative	<LOD	0.00062	1	Camp 1508	Partition (women section)	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-69	11/14/2019	11:15:45	Door	Metal	Gray	Intact	Negative	<LOD	0.00061	1	Camp 1508	Women's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-70	11/14/2019	11:15:58	Door frame	Metal	Gray	Intact	Negative	<LOD	0.00071	1	Camp 1508	Women's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-71	11/14/2019	11:16:37	Structural Column	Steel	Gray	Intact	Positive	37.55793	0.84667	1	Camp 1508		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-72	11/14/2019	11:18:33	Chase (behind sink)	Metal	White	Intact	Negative	<LOD	0.00081	1	Camp 1508	Women's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-73	11/14/2019	11:18:49	Sink	Ceramic	White	Intact	Negative	<LOD	0.00215	1	Camp 1508	Women's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-74	11/14/2019	11:19:04	Toilet Door	Metal	Yellow	Intact	Positive	3.21041	0.02488	1	Camp 1508	Women's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-75	11/14/2019	11:19:17	4"x4" Wall Tile	Ceramic	White	Intact	Negative	<LOD	0.00151	1	Camp 1508	Women's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-76	11/14/2019	11:20:35	Wall	Drywall	White	Intact	Negative	<LOD	0.00101	1	Camp 1508	Women's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-77	11/14/2019	11:21:05	Wall	Drywall	Beige	Intact	Negative	<LOD	0.00091	1	Camp 1508		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-78	11/14/2019	11:21:34	Structural Column	Steel	Silver	Intact	Positive	53.96887	1.03074	1	Camp 1508		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-79	11/14/2019	11:22:59	Slop sink	Metal	White	Intact	Positive	15.85333	0.44261	1	Camp 1508	Men's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-80	11/14/2019	11:23:40	Urinal	Ceramic	White	Intact	Negative	<LOD	0.00207	1	Camp 1508	Men's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-81	11/14/2019	11:23:56	Sink	Ceramic	White	Intact	Negative	<LOD	0.00268	1	Camp 1508	Men's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-82	11/14/2019	11:24:20	Shower Threshold	Ceramic	White	Intact	Negative	0.00211	0.00044	1	Camp 1508	Men's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-83	11/14/2019	11:24:55	Window Frame	Metal	White	Intact	Negative	0.00164	0.00027	1	Camp 1508		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-84	11/14/2019	11:25:39	Pipe	Metal	Beige	Poor	Negative	0.07109	0.00181	1	Camp 1508	Men's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)

Instrument Serial Num	Reading #	Date	Time	Component	Substrate	Color	Condition	Result	Pb Concentration	Pb Error1s	Pb Action Level	Floor	Room	Operator	Project No.	Project Site	Method Name
804122	14-85	11/14/2019	11:36:11	Steps	Cement	Yellow	Intact	Negative	0.11755	0.00253	1	Camp 1503	Exterior	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-86	11/14/2019	11:36:34	Steps	Cement	Yellow	Intact	Negative	0.22775	0.00343	1	Camp 1503	Exterior	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-87	11/14/2019	11:36:55	Steps	Cement	Yellow	Intact	Negative	0.00298	0.00035	1	Camp 1503	Exterior	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-88	11/14/2019	11:37:45	Hand Rail	Metal	Silver	Intact	Negative	0.11937	0.00457	1	Camp 1503	Exterior	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-89	11/14/2019	11:38:12	Exit Door	Metal	Black	Intact	Negative	<LOD	0.00054	1	Camp 1503	Entrance/Exit	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-90	11/14/2019	11:38:34	Exit Door frame	Metal	Gray	Intact	Negative	0.55988	0.00955	1	Camp 1503	Entrance/Exit	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-91	11/14/2019	11:40:11	Structural Column	Steel	Gray	Intact	Positive	38.85574	0.92541	1	Camp 1503		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-92	11/14/2019	11:41:37	Floor	Leveling Compo	Black	Intact	Negative	0.00172	0.00043	1	Camp 1503	Men's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-93	11/14/2019	11:41:55	Slop sink	Metal	White	Intact	Positive	16.73842	0.43359	1	Camp 1503	Men's room	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-94	11/14/2019	12:06:37	Structural Column	Steel	Gray	Intact	Negative	0.05501	0.00322	1	Camp 1611		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-95	11/14/2019	12:07:11	Structural Column	Steel	Gray	Intact	Negative	0.05321	0.00277	1	Camp 1611		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-96	11/14/2019	12:07:32	Structural Column	Steel	Gray	Intact	Negative	0.05644	0.00358	1	Camp 1611		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-97	11/14/2019	12:08:42	Structural Column	Steel	Gray	Intact	Negative	0.05455	0.00261	1	Camp 1612		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-98	11/14/2019	12:09:03	Structural Column	Steel	Gray	Intact	Negative	0.04817	0.00274	1	Camp 1612		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-99	11/14/2019	12:09:46	Hand Rail	Metal	Black	Intact	Negative	0.07053	0.00327	1	Camp 1612	Exterior	sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-100	11/14/2019	12:15:57	Structural Column	Steel	Gray	Intact	Negative	0.13182	0.00725	1	Camp 1509		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-101	11/14/2019	12:19:26	Structural Column	Steel	Gray	Intact	Negative	<LOD	0.00075	1	Camp 1523		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-102	11/14/2019	12:20:01	Structural Column	Steel	Gray	Intact	Positive	40.67531	0.97601	1	Camp 1523		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-103	11/14/2019	12:20:47	Structural Column	Steel	Gray	Intact	Positive	66.50329	1.44754	1	Camp 1523		sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-104	11/14/2019	12:25:27	CALIBRATE					0.89728	0.00674	1			sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-105	11/14/2019	12:27:04	CALIBRATE					0.88821	0.00644	1			sameera meegoda	AA198	Camp Buckner	Geochem(2)
804122	14-106	11/14/2019	12:28:46	CALIBRATE					0.89581	0.00628	1			sameera meegoda	AA198	Camp Buckner	Geochem(2)

ATTACHMENT t 5 – LBP RESULTS – PAINT CHIP ANALYSIS

AMA Analytical Services, Inc.
Focused On Results.

CERTIFICATE OF ANALYSIS

Chain of Custody: 256735

Client: Global Consulting, Inc. (GCI)

Address: 6401 Golden Triangle Drive
Suite 304
Greenbelt, MD 20770

Attention: Judi Darnell

Job Name: West Point - Camp Buckner

Job Location: West Point, NY

Job Number: AA198

P.O. Number: Not Provided

Date Submitted: 11/27/2019

Date Analyzed: 12/02/2019

Report Date: 12/03/2019

Date Sampled: 11/13/2019 - 11/14/2019

Person Submitting: Sameera Meegoda

Summary of Atomic Absorption Analysis for Lead

AMA Sample Number	Client Sample Number	Analysis Type	Sample Type	Reporting Limit	Final Result	Comments
256735-1	AA198/WPCB/L1	Flame AA	Paint Chip	0.0069 %Pb	0.018 %Pb	
256735-2	AA198/WPCB/L2	Flame AA	Paint Chip	0.0057 %Pb	0.016 %Pb	
256735-3	AA198/WPCB/L3	Flame AA	Paint Chip	0.0032 %Pb	0.009 %Pb	
256735-4	AA198/WPCB/L4	Flame AA	Paint Chip	0.0055 %Pb	0.014 %Pb	
256735-5	AA198/WPCB/L5	Flame AA	Paint Chip	0.0035 %Pb	0.012 %Pb	
256735-6	AA198/WPCB/L6	Flame AA	Paint Chip	0.006 %Pb	0.0061 %Pb	
256735-7	AA198/WPCB/L7	Flame AA	Paint Chip	0.0029 %Pb	0.0079 %Pb	

Preparation Method for Paint Chips: ASTM E1979-17
Preparation Method for Wipes, Air, Soil/Solids: EPA 600/R-93/200(M)
Analysis Method For Flame AA: EPA 7000B
Analysis Method For Furnace AA: EPA 7010

N/A = Not Applicable; mg/Kg = parts per million (ppm) on a dry weight basis; mg/L = parts per million (ppm);
%Pb = percent lead on a dry weight basis; ug = micrograms; ug/L = parts per billion (ppb)
Note: All samples were received in good condition unless otherwise noted.
Note: All results have two significant digits. Any additional digits shown should not be considered when interpreting the result.

Analyst(s): Nida McGarvey

See QC Summary for analytical results of quality control samples associated with these samples.

Air and Wipe results are not corrected for any blank results. Final results for air and wipe samples are based on client supplied information not verified by this laboratory.

All results are to be considered preliminary and subject to change unless signed by the Technical Director or Deputy.

AMA Analytical Services, Inc.
Focused On Results.

CERTIFICATE OF ANALYSIS

Chain of Custody:	256735	**Job Name:**	West Point - Camp Buckner	**Date Submitted:**	11/27/2019
Client:	Global Consulting, Inc. (GCI)	**Job Location:**	West Point, NY	**Date Analyzed:**	12/02/2019
Address:	6401 Golden Triangle Drive Suite 304 Greenbelt, MD 20770	**Job Number:**	AA198	**Report Date:**	12/03/2019
		P.O. Number:	Not Provided	**Date Sampled:**	11/13/2019 - 11/14/2019
				Person Submitting:	Sameera Meegoda
Attention:	Judi Darnell				

Summary of Atomic Absorption Analysis for Lead

AMA Sample Number	Client Sample Number	Analysis Type	Sample Type	Reporting Limit	Final Result	Comments

Technical Director G. Edward Carney

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public, and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations, and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NY ELAP, AIHA-LAP, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.

AMA Analytical Services, Inc.
Focused On Results.

QC Summary for SDG #63110

Overview

Analysis Type: Flame AA
Sample Type: Paint Chip
Analysis Date: 12/02/2019

Samples Included

256735-1 256735-2 256735-3 256735-4 256735-5 256735-6 256735-7

Preparation Blank ✔

Result: -0.089 ppm

Report Limit Vertification Sample ✔

Percent Recovery: 104.4%

Duplicates ✔

RPD: 2.8%

Matrix Spike Analysis ✔

Spiked Sample Percent Recovery: 98.3%
Spike Duplicate Percent Recovery: 97.3%
RPD: 1.1%

Matrix Blank ✔

Result: -0.106 ppm

Laboratory Control Sample #1 ✔

Percent Recovery: 101.0%

Laboratory Control Sample #2 ✔

Percent Recovery: 91.75%

Reference Sample

Percent Recovery: N/A

Calibration Curve ✔

Correlation: 0.999704

Serial Dilution / Bench Spike

Serial Dilution RPD: N/A
Bench Spike Percent Recovery: N/A

Notes

AMA Analytical Services, Inc.
Focused on Results www.amalab.com
AIHA-LAP (#100470) NVLAP (#101143-0) NY ELAP (10920)
4475 Forbes Blvd. • Lanham, MD 20706
(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

CHAIN OF CUSTODY

(Please Refer To This Number For Inquires) 256735

Mailing/Billing Information:
1. Client Name: Global Consulting
2. Address 1: 6401 Golden Triangle Dr.
3. Address 2: Greenbelt, MD 20770
4. Address 3:
5. Phone #: (202)832-1433 Fax #:

Submittal Information:
1. Job Name: West Point - Camp Buckner
2. Job Location: West Point, NY
3. Job #: AA198 P.O. #:
4. Contact Person: Judi Darnell Cell: (202)832-1433
5. Collected by: Sameera Meegoda Cell: "

Reporting Info (Results provided as soon as technically feasible). If no TAT/Reporting Info is provided, AMA will assign defaults of 5-Day and email/fax to contacts on file.

AFTER HOURS (must be pre-scheduled)	NORMAL BUSINESS HOURS	REPORT TO:
❑ Immediate Date Due:	❑ Immediate ❑ 3 Day	■ Email: jdarnell@gciusa.biz
❑ 24 Hours Time Due:	~~☒~~ Next Day ❑ 5 Day +	■ Email 2: smeegoda@gciusa.biz
Comments:	~~■ 2 Day~~ ☒ Date Due: 12/3/19	❑ Verbals:
	☒ Results Required By Noon	

Asbestos Analysis
*PCM Air – Please Indicate Filter Type:
- ❑ NIOSH 7400 (QTY)
- ❑ Fiberglass (QTY)

TEM Air* – Please Indicate Filter Type:
- ❑ AHERA (QTY)
- ❑ NIOSH 7402 (QTY)
- ❑ Other (specify) (QTY)

PLM Bulk
- ❑ EPA 600 – Visual Estimate (QTY) ❑ Pos Stop
- ❑ EPA Point Count (QTY)
- ❑ NY State Friable 198.1 (QTY)
- ❑ Grav. Reduction ELAP 198.6 (QTY)
- ❑ Other (specify) (QTY)

MISC
- ❑ Vermiculite
- ❑ Asbestos Soil PLM (Qual) PLM (Quan) PLM/TEM (Qual) PLM/TEM (Quan)

*It is recommended that blank samples be submitted with all air and surface samples

TEM Bulk
- ❑ ELAP 198.4/Chatfield (QTY)
- ❑ NY State PLM/TEM (QTY)
- ❑ Residual Ash (QTY)

TEM Dust*
- ❑ Qual. (pres/abs) Vacuum/Dust (QTY)
- ❑ Quan. (s/area) Vacuum D5755-95 (QTY)
- ❑ Quan. (s/area)Dust D6480-99 (QTY)

TEM Water
- ❑ Qual. (pres/abs) (QTY)
- ❑ ELAP 198.2/EPA 100.2 (QTY)
- ❑ EPA 100.1 (QTY)

~~☒~~ All samples received in good condition unless otherwise noted. (TEM Water samples °C)

If field data sheets are submitted, there is no need to complete bottom section.

Metals Analysis
- ■ Pb Paint Chip 7 (QTY)
- ❑ *Pb Dust Wipe (wipe type) (QTY)
- ❑ *Pb Air (QTY)
- ❑ Pb Soil/Solid (QTY)
- ❑ Pb TCLP (QTY)
- ❑ Drinking Water ❑ Pb (QTY) ❑ Cu (QTY) ❑ As (QTY)
- ❑ Waste Water ❑ Pb (QTY) ❑ Cu (QTY) ❑ As (QTY)
- ❑ Pb Furnace (Media) (QTY)

Fungal Analysis
Collection Apparatus for Spore Traps/Air Samples:
Collection Media
- ❑ *Spore-Trap (QTY) ❑ Surface Vacuum Dust (QTY)
- ❑ *Surface Swab (QTY) ❑ Culturable ID Genus (Media) (QTY)
- ❑ *Surface Tape (QTY) ❑ Culturable ID Species (Media) (QTY)
- ❑ Other (Specify) (QTY)

CLIENT ID #	SAMPLE INFORMATION SAMPLE LOCATION/ ID	DATE/ TIME	VOL (L)/ Wipe Area	ANALYSIS: TEM	PCM	PLM	LEAD	MOLD	MATRIX: AIR	BULK	DUST	WATER AND OTHER	SPORE TRAP	TAPE	SWAB	CLIENT CONTACT (LABORATORY STAFF ONLY)
																Date/Time: Contact:By:
	Please refer	11/13-14/19					✓			✓						
	to attached															
	data sheet															Date/Time: Contact:By:
	for sample															
	description															
																Date/Time: Contact:By:

	Print Name	Signature	Date	Time
Relinquished by:	Sameera		11/27/19	
Received by:				
Relinquished by:				
Received for Lab by:			11/27/19	1245

Shipping Information
❑ UPS ☒ In-Person ❑ Other
❑ FedEx ❑ Drop Box
❑ USPS ❑ Courrier
Airbill/Tracking No:

Global Consulting, Inc.

6401 Golden Triangle Dr., Suite 304.
Greenbelt, MD 20770.

Telephone: (202) 832-1433
Fax: (202) 832-1434

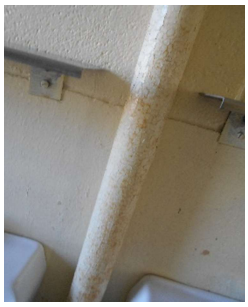
PAINT CHIPS DATA SHEET

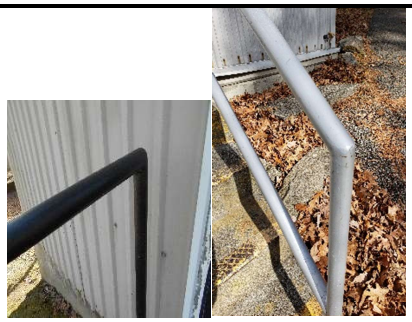
Project:	West point – Camp Buckner	**Date:**	11/13/19 to 11/14/19
Room Number:	Throughout	**Client:**	JACOBS
Job Number:	AA198	**Contractor:**	
IH Name:	Sameera Meegoda	**Laboratory:**	AMA

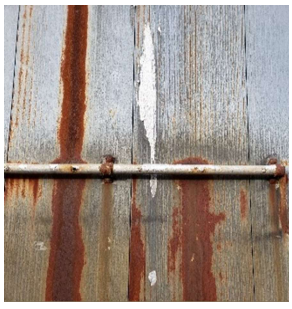
Sample ID	Component	Substrate	Location	Color	Comments
AA198/WPCB/ L1	Wall	Cinder Block	Throughout	Beige	Camp 1611
AA198/WPCB/ L2	Chase (behind sink)	Drywall	Women's room	White	Camp 1612
AA198/WPCB/ L3	Wall	Drywall	Women's room	White	Camp 1612
AA198/WPCB/ L4	Floor	Concrete	Men's room	Gray	Camp 1612
AA198/WPCB/ L5	Bottom wall trim	Wood	Exterior	Gray	Camp 1509
AA198/WPCB/ L6	Door	Metal	Men's room	Gray	Camp 1509
AA198/WPCB/ L7	Wall base	Concrete	Throughout	Beige	Camp 1508

Comments:

ATTACHMENT t 6 – DETAILS OF LEAD CONTAINING COMPONENTS

Description of Lead Containing Paint Surfaces			
Description/Location	**Assessment**		**Photo**
Structural Steel Columns and Beams	**Max. detected concentration**	0.056 mg/cm^2	
	Condition	Intact	
	Location	1600 buildings	
Beige Paint on Walls (cinder-blocks, drywalls and concrete wall base)	**Max. detected concentration**	0.25 mg/cm^2	
	Condition	Intact	
	Location	Both 1500 & 1600 buildings	
Beige Paint on Metal Walls and Ceilings	**Max. detected concentration**	0.19 mg/cm^2	
	Condition	Deteriorated	
	Location	Both 1500 & 1600 buildings	
Beige Paint on Metal Pipes (water lines & drain)	**Max. detected concentration**	0.43 mg/cm^2	
	Condition	Deteriorated	
	Location	Both 1500 & 1600 buildings	
Gray Paint on Metal Doors	**Max. detected concentration**	0.74 mg/cm^2	
	Condition	Intact	
	Location	1600 buildings	

Description of Lead Containing Paint Surfaces			
Description/Location	**Assessment**		**Photo**
Gray Paint on Metal Door Frames	**Max. detected concentration**	0.013 mg/cm^2	
	Condition	Intact	
	Location	1600 buildings	
Light Gray Paint on Corrugated Metal Walls	**Max. detected concentration**	0.28 mg/cm^2	
	Condition	Intact	
	Location	Both 1500 & 1600 buildings	
White Paint on Metal/Drywall Pipe Chases behind sinks in Women's Rooms	**Max. detected concentration**	0.27 mg/cm^2	
	Condition	Intact	
	Location	Both 1500 & 1600 buildings	
Silver, Black, Orange and Red Paints on Exterior Hand Rails	**Max. detected concentration**	0.22 mg/cm^2	
	Condition	Intact	
	Location	Both 1500 & 1600 buildings	
Gray Paint on Concrete Floors	**Max. detected concentration**	0.014%	
	Condition	Deteriorated	
	Location	Building 1612	

Description of Lead Containing Paint Surfaces			
Description/Location	**Assessment**		**Photo**
Gray Paint on Exterior Wooden Trim at the Bottom of the Wall	**Max. detected concentration**	0.012%	
	Condition	Deteriorated	
	Location	Building 1509	
Skirting Wall Tiles in Men's Shower Rooms	**Max. detected concentration**	0.034 mg/cm^2	
	Condition	Intact	
	Location	1600 buildings	
Gray/White Paint on Metal Door Frame (Exit/Entrance)	**Max. detected concentration**	0.56 mg/cm^2	
	Condition	Deteriorated	
	Location	Both 1500 & 1600 buildings	
Silver Paint on Exterior Metal Walls (Dripped from the roof)	**Max. detected concentration**	0.09 mg/cm^2	
	Condition	Intact	
	Location	Building 1516	

ATTACHMENT 7 – LABORATORY MOLD RESULTS

HAYES MICROBIAL CONSULTING

#19047913

Analysis Report prepared for

Global Consulting, Inc.

6401 Golden Triangle Drive
#304
Greenbelt, MD 20770

Phone: **(202) 832-1433**

USMA Camp Buckner

Collected: **November 14, 2019**
Received: **November 19, 2019**
Reported: **November 19, 2019**

We would like to thank you for trusting Hayes Microbial for your analytical needs!
We received 11 samples by FedEx in good condition for this project on November 19th, 2019.

The results in this analysis pertain only to this job, collected on the stated date, and should not be used in the interpretation of any other job. This report may not be duplicated, except in full, without the written consent of Hayes Microbial Consulting, LLC..

This laboratory bears no responsibility for sample collection activities, analytical method limitations, or your use of the test results. Interpretation and use of test results are your responsibility. Any reference to health effects or interpretation of mold levels is strictly the opinion of Hayes Microbial. In no event, shall Hayes Microbial or any of its employees be liable for lost profits or any special, incidental or consequential damages arising out of the use of these test results.

Steve Hayes, BSMT(ASCP)
Laboratory Director
Hayes Microbial Consulting, LLC.

EPA Laboratory ID: VA01419

Lab ID: #188863

NVLAP Lab Code: 500096-0

DPH License: #PH-0198

Mike Vollo
Global Consulting, Inc.
6401 Golden Triangle Drive #304
Greenbelt, MD 20770
(202) 832-1433

USMA Camp Buckner

#19047913

Direct Analysis +

SOP - HMC#102

#1	Swab (1.00 ft2)	Organism	Spore Estimate	Mycelial Estimate	Raw Count	% Total
1611-1113-W1 - B;dg 1611 - Women's Shower Wall		Aspergillus|Penicillium	Rare	ND	4	100%

Reporting Limit: 1 spore/ft2

#2	Swab (1.00 ft2)	Organism	Spore Estimate	Mycelial Estimate	Raw Count	% Total
1611-1113-W2 - Bldg 1611 - Men's Shower Wall		Aspergillus|Penicillium	Rare	ND	2	100%

Reporting Limit: 1 spore/ft2

#3	Swab (1.00 ft2)	Organism	Spore Estimate	Mycelial Estimate	Raw Count	% Total
1612-1113-W3 - Bldg 1612 - Men's Shower Wall		Aspergillus|Penicillium	Light	Trace	12	100%

Reporting Limit: 1 spore/ft2

#4	Swab (1.00 ft2)	Organism	Spore Estimate	Mycelial Estimate	Raw Count	% Total
1509-1113-W4 - Bldg 1509 - Men's Shower Wall		No Fungi Detected				

Reporting Limit: 1 spore/ft2

#5	Swab (1.00 ft2)	Organism	Spore Estimate	Mycelial Estimate	Raw Count	% Total
1523-1113-W5 - Bldg 1523 - Men's Shower Wall		Cladosporium	Rare	Trace	6	100%

Reporting Limit: 1 spore/ft2

#6	Swab (1.00 ft2)	Organism	Spore Estimate	Mycelial Estimate	Raw Count	% Total
1526-1113-W6 - Bldg 1526 - Men's Shower Wall		Ascospores	Light	Trace	14	63.6%
		Cladosporium	Rare	Trace	8	36.4%

Reporting Limit: 1 spore/ft2

Collected: **Nov 14, 2019** Received: **Nov 19, 2019** Reported: **Nov 19, 2019**

HAYES MICROBIAL CONSULTING

Project Analyst: Avani Devmurari, MS — Date: **11 - 19 - 2019**

Reviewed By: Steve Hayes, BSMT — Date: **11 - 19 - 2019**

3005 East Boundary Terrace, Suite F. Midlothian, VA. 23112 (804) 562-3435 contact@hayesmicrobial.com

Mike Vollo
Global Consulting, Inc.
6401 Golden Triangle Drive #304
Greenbelt, MD 20770
(202) 832-1433

USMA Camp Buckner

#19047913

Direct Analysis +
SOP - HMC#102

#7	Swab (1.00 ft2)	Organism	Spore Estimate	Mycelial Estimate	Raw Count	% Total
1516-1114-W7 - Bldg 1516 - Men's Shower Wall		Aspergillus|Penicillium	Rare	ND	6	75%
	Reporting Limit: 1 spore/ft2	Myxomycetes	Rare	Trace	2	25%

#8	Swab (1.00 ft2)	Organism	Spore Estimate	Mycelial Estimate	Raw Count	% Total
1520-1114-W8 - Bldg 1520 - Men's Shower Wall		Aspergillus|Penicillium	Rare	Trace	5	100%
	Reporting Limit: 1 spore/ft2					

#9	Swab (1.00 ft2)	Organism	Spore Estimate	Mycelial Estimate	Raw Count	% Total
1508-1114-W9 - Bldg 1508 - Men's Shower Wall		Aspergillus|Penicillium	Rare	Trace	4	100%
	Reporting Limit: 1 spore/ft2					

#10	Swab (1.00 ft2)	Organism	Spore Estimate	Mycelial Estimate	Raw Count	% Total
1508-1114-W10 - Bldg 1508 - Women's Bathroom Wall		Chaetomium	Rare	ND	1	100%
	Reporting Limit: 1 spore/ft2					

#11	Swab (1.00 ft2)	Organism	Spore Estimate	Mycelial Estimate	Raw Count	% Total
1503-1114-W11 - Bldg 1503 - Men's Shower Wall		No Fungi Detected				
	Reporting Limit: 1 spore/ft2					

Mike Vollo
Global Consulting, Inc.
6401 Golden Triangle Drive #304
Greenbelt, MD 20770
(202) 832-1433

Spore Estimate		Percentages
ND	None Detected	0%
Rare	Less than 10 spores	< 1%
Light	10 - 99 spores	1-10%
Moderate	100 - 999 spores	11-25%
Heavy	1000 - 9999 spores	26-50%
Very Heavy	10000 or greater spores	51-100%

Mycelial Estimate	
ND	None Detected No active growth at site.
Trace	Very small amount of Mycelium Probably no active growth at site.
Few	Some Mycelium Possible active growth at site.
Many	Large amount of Mycelium Probable active growth at site.

Mike Vollo
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(202) 832-1433

Ascospores	**Habitat:**	A large group consisting of more than 3000 species of fungi. Common plant pathogens and outdoor numbers become very high following rain. Most of the genera are indistinguishable by spore trap analysis and are combined on the report.
	Effects:	Health affects are poorly studied, but many are likely to be allergenic.
Aspergillus|Penicillium	**Habitat:**	The most common fungi isolated from the environment. Very common in soil and on decaying plant material. Are able to grow well indoors on a wide variety of substrates.
	Effects:	This group contains common allergens and many can cause hypersensitivity pneumonitis. They may cause extrinsic asthma, and many are opportunistic pathogens. Many species produce mycotoxins which may be associated with disease in humans and other animals. Toxin production is dependent on the species, the food source, competition with other organisms, and other environmental conditions.
Chaetomium	**Habitat:**	Ascomycete fungus, commonly isolated from soil and decaying plant materials. It is cellulolytic and grows well indoors on damp sheetrock and other paper substrates. It is often found growing with Stachybotrys.
	Effects:	It is reported to be allergenic and may produce toxins.
Cladosporium	**Habitat:**	One of the most common genera worldwide. Found in soil and plant debris and on the leaf surfaces of living plants. The outdoor numbers are lower in the winter and often relatively high in the summer, especially in high humidity. The outdoor numbers often spike in the late afternoon and evening. Indoors, it can be found growing on textiles, wood, sheetrock, moist window sills and in HVAC supply ducts.
	Effects:	A common allergen, producing more than 10 allergenic antigens and a common cause of hypersensitivity pneumonitis.
Myxomycetes	**Habitat:**	Found on decaying plant material and as a plant pathogen.
	Effects:	Some allergenic properties reported, but generally pose no health concerns to humans.

HAYES
MICROBIAL CONSULTING

Company: Global Consulting Inc.
Address: 6401 Golden Triangle Drive
Suite 304, Greenbelt MD 20770

P
SHIP: FEDEX - BOX SO
DATE: 11-19-2019
7770 1224 7328

MOLD
19047913

Job Number:	Job Name: USMA Camp Buckner
Collector: Mike Vollo	Mobile: 908-500-2199 Email: Mike.Vollo@Aptim.com
Date Collected: Nov 13 + 14 2019	Note: Bill Directly to Global Consulting

Analysis Type		Analysis Description	Turnaround	Accepted Media Types
Spore Trap	S	Identification & Enumeration of Fungal Spores	24 Hour	Air Cassettes, Impact Slides
	S+	Spore Trap Analysis with Dander, Fiber, and Pollen counts	24 Hour	Air Cassettes, Impact Slides
Direct ID	D	ID & Semi-Quantative Enumeration of spores and mycelium	24 Hour	Bio-Tape, Tape, Swab, Bulk, Agar Plate
	D+	Direct Analysis with Fully Quantitative spore count	24 Hour	Bio-Tape, Tape, Swab, Bulk, Agar Plate
Culture	C1	Identification & Enumeration of Mold only	7 Day	Air Plate, Agar Plate, Swab, Bulk
	C2	Identification & Enumeration of Bacteria only	4 Day	Air Plate, Agar Plate, Swab, Bulk
	C3	Identification & Enumeration of Mold and Bacteria	7 Day	Air Plate, Agar Plate, Swab, Bulk
	C5	Coliform Screen for Sewage Bacteria	2 Day	Agar Plate, Swab, Bulk
Particle	TPA	Total Particulate Analysis, ID & Count (Does Not Include Mold)	24 Hour	Air Cassettes, Impact Slides, Bio-Tape

#	Number	Sample	Analysis	Volume	Notes
1	1611-1113-W1	BLDG 1611-Womens Shower Wall	D+	N/A	Swab Size 1 sq. Ft.
2	1611-1113-W2	BLDG 1611-Mens Shower Wall			
3	1612-1113-W3	BLDG-1612-Mens Shower Wall			
4	1509-1113-W4	BLDG 1509-Mens Shower Wall			
5	1523-1113-W5	BLDG 1523-Mens Shower Wall			
6	1526-1113-W6	BLDG 1526-Mens Shower Wall			
7	1516-1114-W7	BLDG 1516-Mens Shower Wall			
8	1520-1114-W8	BLDG 1520-Mens Shower Wall			
9	1508-1114-W9	BLDG 1508-Mens Shower Wall			
10	1508-1114-W10	BLDG 1508-Womens Bathroom Wall			
11	1503-1114-W11	BLDG 1503-Mens Shower Wall			
12					
13					
14					
15					
16					

Released by: Mike Vollo Date: 11-15-19 Received By: MW Date: 11-19-19

HAYES MICROBIAL CONSULTING

#19047912

Analysis Report prepared for

Global Consulting, Inc.

6401 Golden Triangle Drive
#304
Greenbelt, MD 20770

Phone: **(202) 832-1433**

USMA - Camp Buckner

Collected: **November 13, 2019**
Received: **November 19, 2019**
Reported: **November 19, 2019**

We would like to thank you for trusting Hayes Microbial for your analytical needs!
We received 13 samples by FedEx in good condition for this project on November 19th, 2019.

The results in this analysis pertain only to this job, collected on the stated date, and should not be used in the interpretation of any other job. This report may not be duplicated, except in full, without the written consent of Hayes Microbial Consulting, LLC..

This laboratory bears no responsibility for sample collection activities, analytical method limitations, or your use of the test results. Interpretation and use of test results are your responsibility. Any reference to health effects or interpretation of mold levels is strictly the opinion of Hayes Microbial. In no event, shall Hayes Microbial or any of its employees be liable for lost profits or any special, incidental or consequential damages arising out of the use of these test results.

Steve Hayes, BSMT(ASCP)
Laboratory Director
Hayes Microbial Consulting, LLC.

EPA Laboratory ID: VA01419

Lab ID: #188863

NVLAP Lab Code: 500096-0

DPH License: #PH-0198

Mike Vollo
Global Consulting, Inc.
6401 Golden Triangle Drive #304
Greenbelt, MD 20770
(202) 832-1433

USMA - Camp Buckner

#19047912

Spore Trap
SOP - HMC#101

Sample Number	1	1611-1113-NV1		2	1611-1113-NV2		3	1611-1113-NV3		4	1611-1113-NV4	
Sample Name	**Bldg 1611 - Women's Shower**			**Bldg 1611 - Men's Shower**			**Bldg 1611 - Ambient Air Sample**			**Bldg 1612 - Men's Shower**		
Sample Volume	150.00 liter			150.00 liter			150.00 liter			150.00 liter		
Reporting Limit	7 spores/m^3			7 spores/m^3			7 spores/m^3			7 spores/m^3		
Background	2			2			2			2		
Fragments	7/m^3			7/m^3			7/m^3			7/m^3		
Organism	**Raw Count**	**Count / m^3**	**% of Total**	**Raw Count**	**Count / m^3**	**% of Total**	**Raw Count**	**Count / m^3**	**% of Total**	**Raw Count**	**Count / m^3**	**% of Total**
Alternaria												
Ascospores	1	7	<1%				5	33	5.6%			
Aspergillus|Penicillium							2	13	2.2%			
Basidiospores				1	7	<1%	1	7	1.1%			
Bipolaris|Drechslera												
Chaetomium												
Cladosporium	259	1727	98.9%	238	1587	97.5%	8	53	8.9%	504	3360	97.9%
Curvularia												
Epicoccum				1	7	<1%	1	7	1.1%			
Fusarium												
Memnoniella												
Myxomycetes	2	13	<1%	4	27	1.6%	73	487	81.1%	11	73	2.1%
Pithomyces												
Stachybotrys												
Stemphylium												
Torula												
Ulocladium												
Total	262	1747	100%	244	1628	100%	90	600	100%	515	3433	100%

Water Damage Indicator | Common Allergen | Slightly Higher than Baseline | Significantly Higher than Baseline | Ratio Abnormality

Collected: **Nov 13, 2019** Received: **Nov 19, 2019** Reported: **Nov 19, 2019**

HAYES MICROBIAL CONSULTING

Project Analyst: Shareef Abdelgadir, MS — Date: **11 - 19 - 2019**

Reviewed By: Steve Hayes, BSMT — Date: **11 - 19 - 2019**

3005 East Boundary Terrace, Suite F. Midlothian, VA. 23112 (804) 562-3435 contact@hayesmicrobial.com

Mike Vollo
Global Consulting, Inc.
6401 Golden Triangle Drive #304
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USMA - Camp Buckner

#19047912

Spore Trap
SOP - HMC#101

Sample Number	5	1509-1113-NV5		6	1523-1113-NV6		7	1526-1113-NV7		8	1516-1113-NV8	
Sample Name	**Bldg 1509 - Men's Shower**			**Bldg 1523 - Men's Shower**			**Bldg 1526 - Men's Shower**			**Bldg 1516 - Men's Shower**		
Sample Volume	150.00 liter			150.00 liter			150.00 liter			150.00 liter		
Reporting Limit	7 spores/m^3			7 spores/m^3			7 spores/m^3			7 spores/m^3		
Background	2			2			2			2		
Fragments	13/m^3			7/m^3			ND			ND		
Organism	**Raw Count**	**Count / m^3**	**% of Total**	**Raw Count**	**Count / m^3**	**% of Total**	**Raw Count**	**Count / m^3**	**% of Total**	**Raw Count**	**Count / m^3**	**% of Total**
Alternaria												
Ascospores				1	7	<1%						
Aspergillus|Penicillium	19	127	18.1%				56	373	14.2%	20	133	58.8%
Basidiospores	1	7	<1%									
Bipolaris|Drechslera												
Chaetomium												
Cladosporium	70	467	66.7%	392	2613	97.5%	336	2240	85.3%	8	53	23.5%
Curvularia												
Epicoccum										5	33	14.7%
Fusarium												
Memnoniella												
Myxomycetes	15	100	14.3%	8	53	2.0%	2	13	<1%	1	7	2.9%
Pithomyces				1	7	<1%						
Stachybotrys												
Stemphylium												
Torula												
Ulocladium												
Total	105	701	100%	402	2680	100%	394	2626	100%	34	226	100%

Water Damage Indicator | Common Allergen | Slightly Higher than Baseline | Significantly Higher than Baseline | Ratio Abnormality

Collected: **Nov 13, 2019** Received: **Nov 19, 2019** Reported: **Nov 19, 2019**

Project Analyst: Shareef Abdelgadir, MS — Date: **11 - 19 - 2019**

Reviewed By: Steve Hayes, BSMT — Date: **11 - 19 - 2019**

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6401 Golden Triangle Drive #304
Greenbelt, MD 20770
(202) 832-1433

USMA - Camp Buckner

#19047912

Spore Trap
SOP - HMC#101

Sample Number	9	1520-1114-NV9		10	1805-1114-NV10		11	1508-1114-NV11		12	1508-1114-NV12	
Sample Name	**Bldg 1520 - Men's Shower**			**Bldg 1508 - Men's Shower**			**Bldg 1508 - Women's Bathroom**			**Ambient Air Sample (11-14-19)**		
Sample Volume	150.00 liter			150.00 liter			150.00 liter			150.00 liter		
Reporting Limit	7 spores/m³			7 spores/m³			7 spores/m³			7 spores/m³		
Background	2			2			2			2		
Fragments	7/m³			7/m³			7/m³			13/m³		
Organism	**Raw Count**	**Count / m³**	**% of Total**	**Raw Count**	**Count / m³**	**% of Total**	**Raw Count**	**Count / m³**	**% of Total**	**Raw Count**	**Count / m³**	**% of Total**
Alternaria							1	7	<1%	2	13	1.2%
Ascospores	2	13	1.2%							2	13	1.2%
Aspergillus|Penicillium										3	20	1.8%
Basidiospores										1	7	<1%
Bipolaris|Drechslera												
Chaetomium				1	7	<1%						
Cladosporium	168	1120	97.1%	896	5973	99.1%	98	653	89.1%	140	933	82.4%
Curvularia												
Epicoccum							4	27	3.6%			
Fusarium												
Memnoniella												
Myxomycetes	3	20	1.7%	7	47	<1%	7	47	6.4%	20	133	11.8%
Pithomyces										1	7	<1%
Stachybotrys												
Stemphylium												
Torula										1	7	<1%
Ulocladium												
Total	173	1153	100%	904	6027	100%	110	734	100%	170	1133	100%

Water Damage Indicator | Common Allergen | Slightly Higher than Baseline | Significantly Higher than Baseline | Ratio Abnormality

Collected: **Nov 13, 2019** Received: **Nov 19, 2019** Reported: **Nov 19, 2019**

Project Analyst: Shareef Abdelgadir, MS — Date: **11 - 19 - 2019**

Reviewed By: Steve Hayes, BSMT — Date: **11 - 19 - 2019**

HAYES MICROBIAL CONSULTING
3005 East Boundary Terrace, Suite F. Midlothian, VA. 23112 (804) 562-3435 contact@hayesmicrobial.com

Mike Vollo
Global Consulting, Inc.
6401 Golden Triangle Drive #304
Greenbelt, MD 20770
(202) 832-1433

USMA - Camp Buckner

#19047912

Spore Trap
SOP - HMC#101

Sample Number	13	1503-1114-NV13
Sample Name	**Bldg 1503 - Men's Shower**	
Sample Volume	150.00 liter	
Reporting Limit	7 spores/m^3	
Background	2	
Fragments	13/m^3	

Organism	Raw Count	Count / m^3	% of Total
Alternaria			
Ascospores			
Aspergillus|Penicillium			
Basidiospores			
Bipolaris|Drechslera			
Chaetomium			
Cladosporium	1260	8400	99.6%
Curvularia			
Epicoccum	1	7	<1%
Fusarium			
Memnoniella			
Myxomycetes	4	27	<1%
Pithomyces			
Stachybotrys			
Stemphylium			
Torula			
Ulocladium			
Total	1265	8434	100%

Water Damage Indicator | Common Allergen | Slightly Higher than Baseline | Significantly Higher than Baseline | Ratio Abnormality

Collected: **Nov 13, 2019** Received: **Nov 19, 2019** Reported: **Nov 19, 2019**

Project Analyst: Shareef Abdelgadir, MS — Date: **11 - 19 - 2019**

Reviewed By: Steve Hayes, BSMT — Date: **11 - 19 - 2019**

HAYES MICROBIAL CONSULTING
3005 East Boundary Terrace, Suite F. Midlothian, VA. 23112 (804) 562-3435 contact@hayesmicrobial.com

Mike Vollo
Global Consulting, Inc.
6401 Golden Triangle Drive #304
Greenbelt, MD 20770
(202) 832-1433

#19047912

Spore Trap Information

Reporting Limit	The Reporting Limit is the lowest number of spores that can be detected based on the total volume of the sample collected and the percentage of the slide that is counted. At Hayes Microbial, 100% of the slide is read so the LOD is based solely on the total volume. Raw spore counts that exceed 500 spores will be estimated.
Blanks	Results have not been corrected for field or laboratory blanks.
Background	The Background is the amount of debris that is present in the sample. This debris consists of skin cells, dirt, dust, pollen, drywall dust and other organic and non-organic matter. As the background density increases, the likelihood of spores, especially small spores such as those of Aspergillus and Penicillium may be obscured. The background is rated on a scale of 1 to 5 and each level is determined as follows: **NBD:** No background detected due to possible pump or cassette malfunction. Recollect sample. (Field Blanks will display NBD) **1 :** <5% of field occluded. No spores will be uncountable. **2 :** 5-25% of field occluded. **3 :** 25-75% of field occluded. **4 :** 75-90% of field occluded. **5 :** >90% of field occluded. Suggested recollection of sample.
Fragments	Fragments are small pieces of fungal mycelium or spores. They are not identifiable as to type and when present in very large numbers, may indicate the presence of mold amplification.
Control Comparisons	There are no national standards for the numbers of fungal spores that may be present in the indoor environment. As a general rule and guideline that is widely accepted in the indoor air quality field, the numbers and types of spores that are present in the indoor environment should not exceed those that are present outdoors at any given time. There will always be some mold spores present in "normal" indoor environments. The purpose of sampling and counting spores is to help determine whether an abnormal condition exists within the indoor environment and if it does, to help pinpoint the area of contamination. Spore counts should not be used as the sole determining factor of mold contamination. There are many factors that can cause anomalies in the comparison of indoor and outdoor samples due to the dynamic nature of both of those environments.
Water Damage Indicator Common Allergen Slightly Higher than Baseline Significantly Higher than Baseline Ratio Abnormality	**Blue:** These molds are commonly seen in conditions of prolonged water intrusion and usually indicate a problem. **Green:** Although all molds are potential allergens, these are the most common allergens that may be found indoors. **Orange:** The spore count is slightly higher than the outside count and may or may not indicate a source of contamination. **Red:** The spore count is significantly higher than the baseline count and probably indicates a source of contamination. **Violet:** The types of spores found indoors should be similar to the ones that were identified in the baseline sample. Significant increases (more than 25%) in the ratio of a particular spore type may indicate the presence of abnormal levels of mold, even if the total number of spores of that type is lower in the indoor environment than it was outdoors.
Color Coding	Fungi that are present in indoor samples at levels lower than 200 per cubic meter are not color coded on the report, unless they are one of the water damage indicators.

Mike Vollo
Global Consulting, Inc.
6401 Golden Triangle Drive #304
Greenbelt, MD 20770
(202) 832-1433

Organism Descriptions

Alternaria

Habitat: Commonly found outdoors in soil and decaying plants. Indoors, it is commonly found on window sills and other horizontal surfaces.

Effects: A common allergen and has been associated with hypersensitivity pneumonitis. Alternaria is capable of producing toxic metabolites which may be associated with disease in humans or animals. Occasionally an agent of onychomycosis, ulcerated cutaneous infection and chronic sinusitis, principally in the immunocompromised patient.

Ascospores

Habitat: A large group consisting of more than 3000 species of fungi. Common plant pathogens and outdoor numbers become very high following rain. Most of the genera are indistinguishable by spore trap analysis and are combined on the report.

Effects: Health affects are poorly studied, but many are likely to be allergenic.

Aspergillus|Penicillium

Habitat: The most common fungi isolated from the environment. Very common in soil and on decaying plant material. Are able to grow well indoors on a wide variety of substrates.

Effects: This group contains common allergens and many can cause hypersensitivity pneumonitis. They may cause extrinsic asthma, and many are opportunistic pathogens. Many species produce mycotoxins which may be associated with disease in humans and other animals. Toxin production is dependent on the species, the food source, competition with other organisms, and other environmental conditions.

Basidiospores

Habitat: A common group of Fungi that includes the mushrooms and bracket fungi. They are saprophytes and plant pathogens. In wet conditions they can cause structural damage to buildings.

Effects: Common allergens and are also associated with hypersensitivity pneumonitis.

Chaetomium

Habitat: Ascomycete fungus, commonly isolated from soil and decaying plant materials. It is cellulolytic and grows well indoors on damp sheetrock and other paper substrates. It is often found growing with Stachybotrys.

Effects: It is reported to be allergenic and may produce toxins.

Cladosporium

Habitat: One of the most common genera worldwide. Found in soil and plant debris and on the leaf surfaces of living plants. The outdoor numbers are lower in the winter and often relatively high in the summer, especially in high humidity. The outdoor numbers often spike in the late afternoon and evening. Indoors, it can be found growing on textiles, wood, sheetrock, moist window sills and in HVAC supply ducts.

Effects: A common allergen, producing more than 10 allergenic antigens and a common cause of hypersensitivity pneumonitis.

Mike Vollo
Global Consulting, Inc.
6401 Golden Triangle Drive #304
Greenbelt, MD 20770
(202) 832-1433

Epicoccum

Habitat: It is found in soil and plant litter and is a plant pathogen. It can grow indoors on a variety of substrates, including paper and textiles and is commonly found on wet drywall.

Effects: It is a common allergen. No cases of infection have been reported in humans.

Myxomycetes

Habitat: Found on decaying plant material and as a plant pathogen.

Effects: Some allergenic properties reported, but generally pose no health concerns to humans.

Pithomyces

Habitat: Common fungus isolated from soil, decaying plant material. Rarely found indoors.

Effects: Allergenic properties are poorly studied. No cases of infection in humans.

Torula

Habitat: Found in soil and on wood and grasses. Occasionally found growing indoors on cellulose containing materials.

Effects: A known allergen. No known cases of human infection.

HAYES
MICROBIAL CONSULTING

Company: Global Consulting Inc.
Address: 6401 Golden Triangle Drive
Suite 304, Greenbelt MD 20770

P

SHIP: FEDEX - BOX SO
DATE: 11-19-2019

7770 1224 7328

MOLD

19047912

Job Number:	Job Name: USMA - Camp Buckner
Collector: Mike Vallo, IH	
Date Collected: Nov 13, 2019	

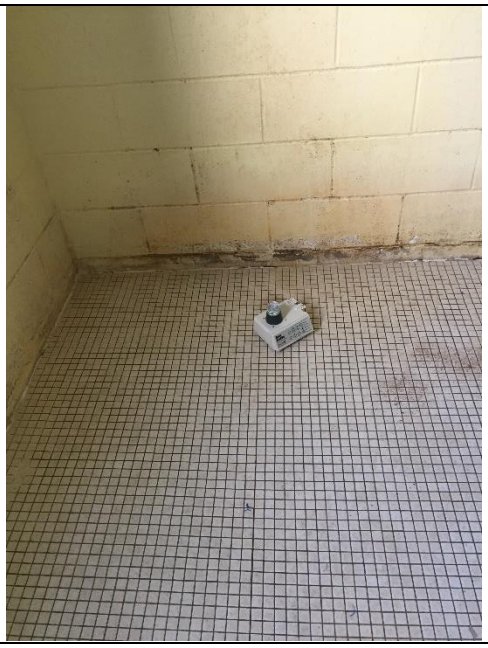
Mobile: 908 500-2199 Email: mike.vallo@aptim.com
Note: Bill Global Consulting Directly.

Analysis Type		Analysis Description	Turnaround	Accepted Media Types
Spore Trap	(S)	Identification & Enumeration of Fungal Spores	24 Hour	Air Cassettes, Impact Slides
	S+	Spore Trap Analysis with Dander, Fiber, and Pollen counts	24 Hour	Air Cassettes, Impact Slides
Direct ID	D	ID & Semi-Quantative Enumeration of spores and mycelium	24 Hour	Bio-Tape, Tape, Swab, Bulk, Agar Plate
	D+	Direct Analysis with Fully Quantitative spore count	24 Hour	Bio-Tape, Tape, Swab, Bulk, Agar Plate
Culture	C1	Identification & Enumeration of Mold only	7 Day	Air Plate, Agar Plate, Swab, Bulk
	C2	Identification & Enumeration of Bacteria only	4 Day	Air Plate, Agar Plate, Swab, Bulk
	C3	Identification & Enumeration of Mold and Bacteria	7 Day	Air Plate, Agar Plate, Swab, Bulk
	C5	Coliform Screen for Sewage Bacteria	2 Day	Agar Plate, Swab, Bulk
Particle	TPA	Total Particulate Analysis, ID & Count (Does Not Include Mold)	24 Hour	Air Cassettes, Impact Slides, Bio-Tape

#	Number	Sample	Analysis	Volume	Notes
1	1611-1113-NV1	BLDG 1611 - Women's Shower	S	150 liter	New York State Sample
2	1611-1113-NV2	BLDG 1611 - Mens Shower			
3	1611-1113-NV3	BLDG 1611 - Ambient Air Sample			
4	1612-1113-NV4	BLDG 1612 - Mens Shower			
5	1509-1113-NV5	BLDG 1509 - Mens Shower			
6	1523-1113-NV6	BLDG 1523 - Mens Shower			
7	1526-1113-NV7	BLDG 1526 - Mens Shower			
8	1516-1113-NV8	BLDG 1516 - Mens Shower			
9	1520-1114-NV9	BLDG 1520 - Mens Shower			
10	1508-1114-NV10	BLDG 1508 - Mens Shower			
11	1508-1114-NV11	BLDG 1508 - Women's Bathroom			
12	1508-1114-NV12	Ambient Air Sample (11-14-19)			
13	1503-1114-NV13	BLDG 1503 - Mens Shower			
14					
15					
16					

Released by: Mike Vallo Date: 11-15-19
Received By: MW Date: 11-19-19

ATTACHMENT 8 – MOLD PHOTOS TAKEN NOVEMBER 13-14, 2019

	
Bldg 1611	**Typical Shower**
	
Ambient sample collection	**Typical Shower**

	
Bldg 1509	**Typical Shower**
	
Typical Shower	**Typical Shower**

ATTACHMENT 9 – PCB RESULTS

09-Dec-2019

Judi Darnell
Global Consulting, Inc.
1818 New York Avenue NE
Suite 111
Washington, DC 20002

Re: **Camp Buckner, USMANY** Work Order: **19111735**

Dear Judi,

ALS Environmental received 3 samples on 21-Nov-2019 10:00 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental - Holland and for only the analyses requested.

Sample results are compliant with industry accepted practices and Quality Control results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 11.

If you have any questions regarding this report, please feel free to contact me:

ADDRESS: 3352 128th Avenue, Holland, MI, USA
PHONE: +1 (616) 399-6070 FAX: +1 (616) 399-6185

Sincerely,

Electronically approved by: Chad Whelton

Chad Whelton
Project Manager

Report of Laboratory Analysis

ALS Group, USA

Date: 09-Dec-19

Client: Global Consulting, Inc.
Project: Camp Buckner, USMANY
Work Order: **19111735**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
19111735-01	AA198-1516-PCB-01	Solid		11/14/2019 09:00	11/21/2019 10:00	☐
19111735-02	AA198-1520-PCB-02	Solid		11/14/2019 09:00	11/21/2019 10:00	☐
19111735-03	AA198-1520-PCB-03	Solid		11/14/2019 09:00	11/21/2019 10:00	☐

Client: Global Consulting, Inc.
Project: Camp Buckner, USMANY
Work Order: 19111735

Case Narrative

Samples for the above noted Work Order were received on 11/21/2019. The attached "Sample Receipt Checklist" documents the status of custody seals, container integrity, preservation, and temperature compliance.

Samples were analyzed according to the analytical methodology previously transmitted in the "Work Order Acknowledgement". Methodologies are also documented in the "Analytical Result" section for each sample. Quality control results are listed in the "QC Report" section. Sample association for the reported quality control is located at the end of each batch summary. If applicable, results are appropriately qualified in the Analytical Result and QC Report sections. The "Qualifiers" section documents the various qualifiers, units, and acronyms utilized in reporting. A copy of the laboratory's scope of accreditation is available upon request.

With the following exceptions, all sample analyses achieved analytical criteria.

Extractable Organics:

Batch 146573, Method PCB2_8082_S, Samples 19111735-01A and -03A: The PCB reporting limits are elevated due to dilution needed to eliminate matrix-related interference.

Client: Global Consulting, Inc.
Project: Camp Buckner, USMANY
WorkOrder: **19111735**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
**	Estimated Value
a	Analyte is non-accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
Hr	BOD/CBOD - Sample was reset outside Hold Time, value should be considered estimated.
J	Analyte is present at an estimated concentration between the MDL and Report Limit
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
X	Analyte was detected in the Method Blank between the MDL and Reporting Limit, sample results may exhibit background or reagent contamination at the observed level.

Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection (see MDL)
LOQ	Limit of Quantitation (see PQL)
MBLK	Method Blank
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
TDL	Target Detection Limit
TNTC	Too Numerous To Count
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

Units Reported	Description
mg/Kg	Milligrams per Kilogram

ALS Group, USA

Date: *09-Dec-19*

Client: Global Consulting, Inc.
Project: Camp Buckner, USMANY
Sample ID: AA198-1516-PCB-01
Collection Date: 11/14/2019 09:00 AM

Work Order: 19111735
Lab ID: 19111735-01
Matrix: SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep: SW3540C 12/5/19 10:41	Analyst: **KB**
Aroclor 1016	ND		10	mg/Kg	10	12/7/2019 06:39 AM
Aroclor 1221	ND		10	mg/Kg	10	12/7/2019 06:39 AM
Aroclor 1232	ND		10	mg/Kg	10	12/7/2019 06:39 AM
Aroclor 1242	ND		10	mg/Kg	10	12/7/2019 06:39 AM
Aroclor 1248	ND		10	mg/Kg	10	12/7/2019 06:39 AM
Aroclor 1254	ND		10	mg/Kg	10	12/7/2019 06:39 AM
Aroclor 1260	ND		10	mg/Kg	10	12/7/2019 06:39 AM
Aroclor 1262	ND		10	mg/Kg	10	12/7/2019 06:39 AM
Aroclor 1268	ND		10	mg/Kg	10	12/7/2019 06:39 AM
PCBs, Total	**ND**			**mg/Kg**	10	12/7/2019 06:39 AM
Surr: Decachlorobiphenyl	*120*		*40-140*	*%REC*	10	12/7/2019 06:39 AM
Surr: Tetrachloro-m-xylene	*100*		*45-124*	*%REC*	10	12/7/2019 06:39 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *09-Dec-19*

Client: Global Consulting, Inc.
Project: Camp Buckner, USMANY
Sample ID: AA198-1520-PCB-02
Collection Date: 11/14/2019 09:00 AM

Work Order: 19111735
Lab ID: 19111735-02
Matrix: SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep: SW3540C 12/5/19 10:41	Analyst: **KB**
Aroclor 1016	ND		1.2	mg/Kg	1	12/7/2019 06:55 AM
Aroclor 1221	ND		1.2	mg/Kg	1	12/7/2019 06:55 AM
Aroclor 1232	ND		1.2	mg/Kg	1	12/7/2019 06:55 AM
Aroclor 1242	ND		1.2	mg/Kg	1	12/7/2019 06:55 AM
Aroclor 1248	ND		1.2	mg/Kg	1	12/7/2019 06:55 AM
Aroclor 1254	ND		1.2	mg/Kg	1	12/7/2019 06:55 AM
Aroclor 1260	ND		1.2	mg/Kg	1	12/7/2019 06:55 AM
Aroclor 1262	ND		1.2	mg/Kg	1	12/7/2019 06:55 AM
Aroclor 1268	ND		1.2	mg/Kg	1	12/7/2019 06:55 AM
PCBs, Total	**ND**			**mg/Kg**	1	12/7/2019 06:55 AM
Surr: Decachlorobiphenyl	*99.1*		*40-140*	*%REC*	1	12/7/2019 06:55 AM
Surr: Tetrachloro-m-xylene	*100*		*45-124*	*%REC*	1	12/7/2019 06:55 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: *09-Dec-19*

Client: Global Consulting, Inc.
Project: Camp Buckner, USMANY
Sample ID: AA198-1520-PCB-03
Collection Date: 11/14/2019 09:00 AM

Work Order: 19111735
Lab ID: 19111735-03
Matrix: SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep: SW3540C 12/5/19 10:41	Analyst: **KB**
Aroclor 1016	ND		12	mg/Kg	10	12/7/2019 07:11 AM
Aroclor 1221	ND		12	mg/Kg	10	12/7/2019 07:11 AM
Aroclor 1232	ND		12	mg/Kg	10	12/7/2019 07:11 AM
Aroclor 1242	ND		12	mg/Kg	10	12/7/2019 07:11 AM
Aroclor 1248	ND		12	mg/Kg	10	12/7/2019 07:11 AM
Aroclor 1254	ND		12	mg/Kg	10	12/7/2019 07:11 AM
Aroclor 1260	ND		12	mg/Kg	10	12/7/2019 07:11 AM
Aroclor 1262	ND		12	mg/Kg	10	12/7/2019 07:11 AM
Aroclor 1268	ND		12	mg/Kg	10	12/7/2019 07:11 AM
PCBs, Total	**ND**			**mg/Kg**	10	12/7/2019 07:11 AM
Surr: Decachlorobiphenyl	*130*		*40-140*	*%REC*	10	12/7/2019 07:11 AM
Surr: Tetrachloro-m-xylene	*90.1*		*45-124*	*%REC*	10	12/7/2019 07:11 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: 09-Dec-19

Client: Global Consulting, Inc.

Work Order: 19111735

Project: Camp Buckner, USMANY

QC BATCH REPORT

Batch ID: **146573** Instrument ID **GC14** Method: **SW8082**

MBLK Sample ID: **PBLKS1-146573-146573** Units: **µg/Kg** Analysis Date: **12/7/2019 02:26 AM**

Client ID: Run ID: **GC14_191206B** SeqNo: **6109066** Prep Date: **12/5/2019** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	ND	83								
Aroclor 1221	ND	83								
Aroclor 1232	ND	83								
Aroclor 1242	ND	83								
Aroclor 1248	ND	83								
Aroclor 1254	ND	83								
Aroclor 1260	ND	83								
Aroclor 1262	ND	83								
Aroclor 1268	ND	83								
PCBs, Total	ND	0								
Surr: Decachlorobiphenyl	*38*	0	*33.3*	0	*114*	*40-140*	0			
Surr: Tetrachloro-m-xylene	*35.33*	0	*33.3*	0	*106*	*45-124*	0			

LCS Sample ID: **PLCSS1-146573-146573** Units: **µg/Kg** Analysis Date: **12/7/2019 02:42 AM**

Client ID: Run ID: **GC14_191206B** SeqNo: **6109067** Prep Date: **12/5/2019** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	919.3	83	833	0	110	50-130	0			
Aroclor 1260	902.3	83	833	0	108	50-130	0			
Surr: Decachlorobiphenyl	*43*	0	*33.3*	0	*129*	*40-140*	0			
Surr: Tetrachloro-m-xylene	*35*	0	*33.3*	0	*105*	*45-124*	0			

MS Sample ID: **19111251-58A MS** Units: **µg/Kg** Analysis Date: **12/7/2019 03:29 AM**

Client ID: Run ID: **GC14_191206B** SeqNo: **6109070** Prep Date: **12/5/2019** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	10270	1,100	11380	0	90.2	40-140	0			
Aroclor 1260	114200	1,100	11380	122300	-71	40-140	0			SEO
Surr: Decachlorobiphenyl	*446.3*	0	*454.9*	0	*98.1*	*40-140*	0			
Surr: Tetrachloro-m-xylene	*373.4*	0	*454.9*	0	*82.1*	*45-124*	0			

MSD Sample ID: **19111251-58A MSD** Units: **µg/Kg** Analysis Date: **12/7/2019 03:45 AM**

Client ID: Run ID: **GC14_191206B** SeqNo: **6109071** Prep Date: **12/5/2019** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	13030	1,100	11470	0	114	40-140	10270	23.7	50	
Aroclor 1260	155900	1,100	11470	122300	293	40-140	114200	30.9	50	SEO
Surr: Decachlorobiphenyl	*560.1*	0	*458.7*	0	*122*	*40-140*	446.3	*22.6*	*50*	
Surr: Tetrachloro-m-xylene	*482.1*	0	*458.7*	0	*105*	*45-124*	373.4	*25.4*	*50*	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Global Consulting, Inc.
Work Order: 19111735
Project: Camp Buckner, USMANY

QC BATCH REPORT

Batch ID: **146573** Instrument ID **GC14** Method: **SW8082**

The following samples were analyzed in this batch:	19111735-01A	19111735-02A	19111735-03A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

3352 128th Ave. Holland, Michigan 49424 19111735

F 1616 399 6070

[For lab use only]

ANALYTICAL REQUEST FORM

1. ☒ REGULAR Status

☐ RUSH Status Requested - ADDITIONAL CHARGE
RESULTS REQUIRED BY _____ DATE
CONTACT ALS ~~SALT LAKE~~ PRIOR TO SENDING SAMPLES

2. Date 11/20/19 Purchase Order No. _____

3. Company Name global consulting Inc.
Address 6401 golden triangle dr. #304 greenbelt md 20770
Person to Contact Judi darnell
Telephone (804) 307.3752
Fax Telephone ( )
E-mail Address jdarnell@gciusa.biz
Billing Address (if different from above)
Same

4. Quote No. _____
ALS Project Manager Chad Welton

5. Sample Collection
Sampling Site Camp Buckner, USMA NY
Industrial Process _____
Date of Collection 11/14/19
Time Collected ~9am
Date of Shipment 11/20/19
Chain of Custody No. _____

6. How did you first learn about ALS?
current client

7. REQUEST FOR ANALYSES

Laboratory Use Only	Client Sample Number	Matrix*	Sample Volume	ANALYSES REQUESTED - Use method number if known	Units**
1	AA198-1516-PCB-01 caulk (gray) under metal exterior walls			PCB	3
2	AA198-1520-PCB-02 caulk (gray) under metal exterior walls			PCB	3
3	AA198-1520-PCB-03 caulk (white) around concrete footings			PCB	3

* Specify: Solid sorbent tube, e.g. Charcoal; Filter type; Impinger solution; Bulk sample; Blood; Urine; Tissue; Soil; Water; Other

** 1. µg/sample 2. mg/m³ (3. ppm) 4. % 5. µg/m³ 6. _____ (other) Please indicate one or more units in the column entitled Units**

Comments SR2 18.6°c

Possible Contamination and/or Chemical Hazards Std.

7. Chain of Custody (Optional)

Relinquished by	Judi T. Darnell	Date/Time	11/20/19 ~2pm
Received by		Date/Time	11/21/19 1000
Relinquished by		Date/Time	
Received by		Date/Time	

~~960 West LeVoy Drive / Salt Lake City, UT 84123~~ ~~800-356-9135~~ or 801-266-7700 / FAX: 801-268-9992
ALS Environmental

Holland, MI

2

ALS Group, USA

Sample Receipt Checklist

Client Name: **GLOBALCONSULTING** Date/Time Received: **21-Nov-19 10:00**

Work Order: **19111735** Received by: **DS**

Checklist completed by Diane Shaw (eSignature) 22-Nov-19 (Date) Reviewed by: Chad Whelton (eSignature) 22-Nov-19 (Date)

Matrices: Solid

Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☐	No ☑	
Sample(s) received on ice?	Yes ☐	No ☑	
Temperature(s)/Thermometer(s):	18.6/18.6 c	SR2	
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:	11/22/2019 8:09:20 AM		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:	-		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

ATTACHMENT 10 – INSPECTOR CERTIFICATIONS/LICENSES

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE

N.Y.S

GARY E WYRWA
CLASS(EXPIRES)
C ATEC(04/20) D INSP(04/20)
E MGPL(04/20) G SUPR(04/20)
H PM (04/20) I PD (04/20)

CERT# 90-03929
DMV# 103234144

MUST BE CARRIED ON ASBESTOS PROJECTS

New York State – Department of Labor
Division of Safety and Health
License and Certificate Unit
State Campus, Building 12
Albany, NY 12240

ASBESTOS HANDLING LICENSE

Aptim Government Solutions, LLC

4170 Essen Lane
Attn: Melissa Harrell
Baton Rouge, LA 70809

FILE NUMBER: 07-34077
LICENSE NUMBER: 34077
LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 11/21/2019
EXPIRATION DATE: 11/30/2020

Duly Authorized Representative – Gary Wyrwa:

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Eileen M. Franko, Director
For the Commissioner of Labor

SH 432 (8/12)

GOVERNMENT OF THE DISTRICT OF COLUMBIA 02448
DEPARTMENT OF ENERGY & ENVIRONMENT

LEAD-SAFE AND HEALTHY HOMES DIVISION
LEAD COMPLIANCE & ENFORCEMENT BRANCH

NAME: Sameera Meegoda
CLASS CODE: Risk Assessor
EXPIRATION DATE: 11-20-2021
CARD NUMBER: DC19-9473

Tommy Wells
Director

AEROSOL MONITORING & ANALYSIS, INC.

This is to certify that

SAMEERA MEEGODA

19223 MISTY MEADOW TERR.
GERMANTOWN, MD 20874

has met the attendance requirements and successfully completed the course entitled

1-DAY LEAD RISK ASSESSOR REFRESHER

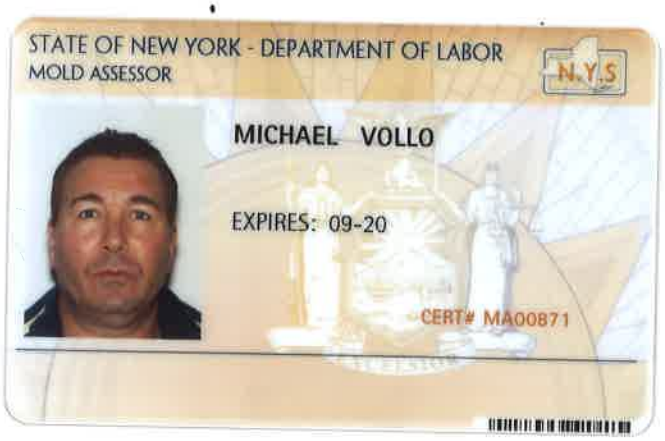
This Training Meets the Certification Requirements for DC, MD & VA

10/25/2019	10/25/2019		DAVID TRUMAN
Course Date	***Exam Date***		***Principal Instructor***
10/25/2021	10/25/2022	10/25/2021	
MD Expiration Date	***VA Expiration Date***	***DC Expiration Date***	
107953	VA107953	107953	E. Rush Barnett
Certification No.	***VA Certification No.***	***DC Certification No.***	***Course Director***

DC Lead Training Provider Accreditation No. DC18-001-RA-R

1331 Ashton Road *P.O.Box 646* *Hanover, MD 21076* *P: 410-684-3327* *F: 410-684-3724*

www.amatraining.com


STATE OF NEW YORK - DEPARTMENT OF LABOR
MOLD ASSESSOR
N.Y.S
MICHAEL VOLLO
EXPIRES: 09-20
CERT# MA00871

ATTACHMENT 11 – LABORATORY LICENSE(S)

NEW YORK STATE OF OPPORTUNITY. Department of Health

ANDREW M. CUOMO
Governor

HOWARD A. ZUCKER, M.D., J.D.
Commissioner

SALLY DRESLIN, M.S., R.N.
Executive Deputy Commissioner

LAB ID: 10984

April 01, 2019

DR. THOMAS R. MCKEE
AMERISCI RICHMOND
13635 GENITO RD
MIDLOTHIAN, VA 23112

Certificate Expiration Date:
April 01, 2020

Dear Dr. Mckee,

Enclosed are certificate(s) of approval issued to your environmental laboratory for the current permit year. The certificate(s) supersede(s) any previously issued one(s) and is(are) in effect through the expiration date listed. Please carefully examine the certificate(s) to insure that the categories, subcategories, analytes, and methods for which your laboratory is approved are correct. In addition, verify that your laboratory's name, address, lead technical director, and identification number are accurate.

Pursuant to NYCRR Subpart 55-2.2, original certificates must be posted conspicuously in the laboratory and copies shall be made available to any client of the laboratory upon request.

Pursuant to NYCRR Subpart 55-2.6, any misrepresentation of the fields of accreditation (category - method - analyte) for which your laboratory is approved may result in denial, suspension, or revocation of your certification. Any use of the Environmental Laboratory Approval Program (ELAP) or National Environmental Laboratory Accreditation Program (NELAP) name, reference to the laboratory's approval status, and/or using the NELAP logo in any catalogs, advertising, business solicitations, proposals, quotations, laboratory analytical reports, or other materials must include the laboratory's ELAP identification number and distinguish between testing for which the laboratory is approved and testing for which the laboratory is not approved.

If you have any questions, please contact ELAP at the New York State Department of Health (NYS DOH), Wadsworth Center, PO Box 509, Albany NY, 12201-0509; by phone at (518) 485-5570; by facsimile at (518) 485-5568; and by email at elap@health.ny.gov.

Sincerely,

Victoria Pretti

Victoria Pretti
Director and QA Officer
Environmental Laboratory Approval Program

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2020
Issued April 01, 2019

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

DR. THOMAS R. MCKEE
AMERISCI RICHMOND
13635 GENITO RD
MIDLOTHIAN, VA 23112

NY Lab Id No: 10984

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:

Miscellaneous

Asbestos in Friable Material	Item 198.1 of Manual
	EPA 600/M4/82/020
Asbestos in Non-Friable Material-PLM	Item 198.6 of Manual (NOB by PLM)
Asbestos in Non-Friable Material-TEM	Item 198.4 of Manual
Asbestos-Vermiculite-Containing Material	Item 198.8 of Manual

NEW YORK STATE | Department of Health

Serial No.: 59520

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.