

CHESAPEAKE BAY BRIDGE AND TUNNEL DISTRICT

PROJECT NO. 0305 Replace Vent Building UPS

INVITATION TO BID

BID NO. M-26-004

ADDENDUM 1

TO: All Bidders
FROM: Chesapeake Bay Bridge and Tunnel District
SUBJECT: Invitation to Bid, Bid No. M-26-004 Addendum 1
DATE: October 19, 2026

Effective this date, Addendum No. 1 is hereby issued for the above-referenced Invitation to Bid. This addendum serves to notify all bidders of the following clarifications and additions to the project documents.

1. Asbestos and Lead-Based Paint Testing and Removal

This item is a follow up from the pre-bid mandatory meeting, where the District informed attendees that testing for asbestos and lead paint, in the New UPS construction area, was being performed with results to be presented in the Addendum.

See Attachment 1, entitled “Contract Specification for Removal of Asbestos-Containing Materials”, which includes Attachment A showing the test results.

All asbestos and lead paint shown in the testing and called out in the Specification for removal, shall be performed by the Contractor and shall be considered incidental to the work in each of the Ventilation Buildings. Areas in Ventilation Building #4, that had limited access at the time of testing, shall be presumed to contain asbestos and lead based paint as on Islands #1, #2 and #3.

2. Additional Project Documents

The following document was handed out on a flash drive at the mandatory pre-bid and has been added to the project documents. It is also available on the CBBT website at the following link:

<https://www.cbbt.com/rfp-ups-replacement/>

- CBBT-Support Building Emergency Power System Upgrades – Power System Analysis.

3. On-Site Temporary Storage

On SP-5, entitled, On-Site Temporary Storage, page SP-3, the District will provide temporary storage space on Island No. 3. Space in the Maintenance Yard is no longer available.

4. Bidder Questions and District Responses

Question No. 1:

This is for all 4 building per RFP.

a. The only drawings I have is the Electrical drawings for build #3. Where are the drawings for Building 1, 2, & 4?

District Response: As is stated on the drawings, the work shown in this set of Contract Documents is based on Portal Island Building #3. The work is typical for Portal Islands #1, #2 and #4.

As was stated in the Pre-Bid meeting, Portal Islands #1 and #3 are alike and Portal Islands #2 and #4 are mirror images.

Any additional differences are called out in the plans and specifications, for example, Drawing ED100 calls out that the UPSCR load center occurs at Islands #1 and #3 only.

b. Is there other drawing for mechanical and other repairs that are mention?

District Response: All drawings for the work are included in Plans and Specifications.

c. Are you looking for one price to include all Areas - Electrical. Mechanical and Architectural?

District Response: All work and incidentals, in the plans and specifications, and as stated in this addendum, shall be encompassed per each Vent Building, letters B, C, D, and E, on the itemized bid sheet, in the bid package. The only thing that is broken out is Mobilization, per VDOT R&B 513, which is letter A, on the itemized bid sheet, in the bid package.

Question No. 2:

Drawing Sheet No. 9 indicates that the existing UPSCR load centers will be fed from new panels installed under the PTST contract for Islands No. 1 and No. 3 only.

Please clarify whether UPSCR load centers exist on Islands No. 2 and No. 4. If so, please clarify how these load centers are to be fed.

District Response: UPSCR load centers DO NOT exist on Islands No. 2 & No. 4.

Question No. 3:

Drawing Sheet No. 9 indicates that the existing UPSCR load centers were previously installed under the PTST contract for Islands No. 1 and No. 3 only.

Please clarify whether new UPSCR load centers are required to be installed on Islands No. 2 and No. 4 under this contract.

District Response: UPSCR load centers are not required for Islands No. 2 & No. 4. Please see Drawing Sheet No. 9-11 for new work.

5. Bid Due Date Extension

The Bid Due Date for this project will be extended to **November 6, 2026, by 2:00 p.m.** This extension will allow bidders additional time to obtain pricing for the additional scope of work identified in this addendum.

All other Invitation to Bid documents previously issued remain in effect. Bidders are required to formally acknowledge receipt of this and all other addenda on Page 2 of 5 of the Bid Package, entitled Acknowledgment of Revisions, in the Instructions to Bidders. Failure to acknowledge receipt of all addenda may result in the bid being considered incomplete.

Sincerely,

A handwritten signature in black ink, appearing to read 'Timothy R. Holloway', with a checkmark at the end.

Timothy R. Holloway
Director of Maintenance

Contract Specification for Removal of Asbestos-Containing Materials

Ventilation Building Uninterruptible Power Supply (UPS) Units Replacement Project

Ventilation Buildings 1, 2, 3, and 4 Chesapeake Bay Bridge-Tunnel Cape Charles, Virginia

Prepared for:

**Chesapeake Bay Bridge and Tunnel District
Attn: Mr. Michael T. Crist, PE
32386 Lankford Highway
Cape Charles, Virginia 23310**

Prepared by:

**Wetland Studies and Solutions, Inc.
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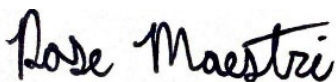
October 14, 2026

WSSI Project No. 33100.03



Signature Page

This document has been reviewed in accordance with WSSI's QA/QC procedures. The following environmental professionals developed this document for use by the Chesapeake Bay Bridge and Tunnel District (Owner) in support of minor renovations associated with the proposed Ventilation Building Uninterruptible Power Supply (UPS) Units Replacement project (CBBT Project #0305) at the four ventilation buildings on Islands 1, 2, 3, and 4 of the Chesapeake Bay Bridge-Tunnel in Cape Charles, Virginia.



Rose Maestri
Environmental Scientist
Virginia Asbestos Inspector License No. 3003005166

Date: October 14, 2026



Jamie Armentrout, PWS, PWD, VSWD
Associate Environmental Scientist
Virginia Asbestos Inspector License No. 3303003841
Virginia Asbestos Management Planner License No. 3304001615
Virginia Asbestos Project Designer License No. 3305001291

Date: October 14, 2026

CONTRACT SPECIFICATIONS FOR THE REMOVAL
OF
ASBESTOS-CONTAINING MATERIALS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

The following document is incorporated by reference:

Limited Asbestos & Lead Based Paint Survey Report, Wetland Studies and Solutions, Inc. (WSSI), dated October 14, 2026 for the Chesapeake Bay Bridge and Tunnel District, Cape Charles, Virginia.

Copies of this report is enclosed as “Attachment A.”

1.2 SCOPE OF WORK

This project is being carried out to eliminate hazards relating to the presence of asbestos-containing materials (ACM) identified at the four ventilation buildings associated with the Chesapeake Bay Bridge-Tunnel where renovation or selective demolition activities are proposed per the specifications for the Ventilation Building Uninterruptible Power Supply (UPS) Units Replacement Project. The work to be carried out, together with the steps to be taken to adequately protect the workers, ensure a safe workplace, and provide for a safe adjoining environment. Applicable work procedures are described herein.

Building Materials Subject to Removal Activities

All asbestos abatement work shall be conducted in a manner that will minimize the release of asbestos fibers from the material in accordance with Occupational Safety and Health Administration (OSHA) Class I and II Asbestos Work Practices as prescribed by 29 CFR 1926.1101 and the Commonwealth of Virginia Construction and Professional Services Manual (CPSM).

ACM to be Removed by Contractor Prior to Demolition

The project includes the removal and disposal of ACM at the four vent buildings identified in the *Limited Asbestos & Lead Based Paint Survey Report* prepared by Wetland Studies and Solutions, Inc. (WSSI) dated October 14, 2026. ACMs identified that pertain to this project are as follows:

Friable ACM

- Approximately 2 pipe elbows covered with friable asbestos-containing insulation at Ventilation Building #1

- Approximately 2 pipe elbows covered with friable asbestos-containing insulation at Ventilation Building #2
- Approximately 2 pipe elbows covered with friable asbestos-containing insulation at Ventilation Building #3
- Approximately 2 pipe elbows covered with friable asbestos-containing insulation at Ventilation Building #4
 - Due to access limitations encountered during WSSI's inspection in Ventilation Building #4, this functional space could not be fully assessed. Due to similar construction to the other 3 Ventilation Buildings, these materials are assumed to be present and presumed to be ACM.

Category I Non-friable ACM

- Approximately 107 square feet of Category I non-friable asbestos-containing gray floor tile and black mastic at Ventilation Building #1
- Approximately 107 square feet of Category I non-friable asbestos-containing gray floor tile and black mastic at Ventilation Building #2
- Approximately 107 square feet of Category I non-friable asbestos-containing gray floor tile and black mastic at Ventilation Building #3
- Approximately 107 square feet of Category I non-friable asbestos-containing black mastic at Ventilation Building #4

Category II Non-friable ACM

- None identified

Exact quantities of ACM to be disturbed should be field verified by the CONTRACTOR.

All ACM will be removed in accordance with OSHA Asbestos Work Class I and II procedures.

If suspect ACM that was not previously sampled is identified during demolition activities, work activities impacting those materials should cease until the material's asbestos content can be identified by an analytical laboratory. Should these materials be identified as Category I Non-friable or friable ACMs, the provisions of these specifications shall apply to those materials. If the building materials are identified as Category II Non-friable ACM, then these specifications may require an amendment or supplement to provide adequate procedures for detailing appropriate handling and disposal methods.

1.3 TERMINOLOGY

A. *Amended Water*: Water treated with a chemical wetting agent or surfactant.

- B. *Asbestos-Containing Building Material*: Any building material containing more than one percent (1%) asbestos as determined by microscopy.
- C. *Asbestos Project*: An activity involving job set-up for containment, removal, encapsulation, enclosure, encasement, renovation, repair, construction, or alteration of ACM. An asbestos project or asbestos abatement project shall not include non-friable asbestos-containing roofing, flooring, or siding material that when installed, encapsulated, or removed does not become friable.
- D. *Asbestos Project Monitor*: An individual who monitors or acts as a monitor of an asbestos abatement project. The Owner shall notify the Contractor in writing of the appointment of such Project Monitor(s). The Project Monitor(s) shall be licensed and certified to perform work in the Commonwealth of Virginia. A Project Monitor is required for asbestos projects performed in buildings that are occupied or intended to be occupied upon completion of the asbestos project exceeding 260 linear feet, 160 square feet, or 35 cubic feet of ACM. A Project Monitor is also required on asbestos projects for which the property owner deems it necessary, regardless of whether the scope of the project is less than the quantities specified above.
- E. *Authorized Visitor*: The Owner's representative or a representative of any regulatory agency having jurisdiction over the project.
- F. *Contractor*: Any person, that for a fixed price, commission, fee, or percentage undertakes to bid upon, or accepts, or offers to accept, orders or contracts for performing, managing, or superintending in whole or in part, the construction, removal, repair, or improvement of any building or structure permanently annexed to real property owned, controlled, or leased by him or another person or any other improvements to such real property. For purposes of this chapter, "improvement" shall include (i) remediation, cleanup, or containment of premises to remove contaminants or (ii) site work necessary to make certain real property usable for human occupancy according to the guidelines established pursuant to § 32.1-11.7.
- G. *Friable ACM*: Any ACM that may be crumbled, pulverized, or reduced to powder by hand pressure when dry. This includes non-friable materials that have become damaged to the extent that when dry may be crumbled, pulverized, or reduced to powder by hand pressure (i.e., rendered friable). Examples of friable ACM include, but are not limited to, ceiling tiles, spray-applied fireproofing, pipe insulation, textured surfacing materials, and plasters.
- H. *HEPA Filter*: High-efficiency particulate air filter capable of collecting and retaining asbestos fibers at a 99.97 percent efficiency for retaining fibers of 0.3 microns or larger.
- I. *Negative Pressure Enclosure*: A sealed containment constructed of a minimum of two (2) layers of 6-mil polyethylene sheeting containing local exhaust system equipment

capable of maintaining a minimum pressure differential of -0.02 inches of water column relative to adjacent unsealed areas.

- J. *Non-Friable ACM*: An ACM that contains asbestos in which the fibers have been locked in by a bonding agent, coating, binder, or other material so that the asbestos is well bound and will not release fibers during any appropriate use, handling, demolition, storage, transportation, processing, or disposal. Examples of non-friable ACM include, but is not limited to, resilient flooring (vinyl floor tiles, linoleum sheet flooring) and adhesives, cementitious (i.e., “Transite”) paneling and siding, caulking, window glazing compound, and mastics.
- K. *Owner’s Representative*: Person designated in the contract as an individual (or his designee) authorized to represent and mediate for the Owner in administration of the Contract.
- L. *Regulated Work Area*: An area where asbestos removal operations are performed which is identified and separated by physical boundaries (i.e., barrier tape) to limit access to individuals licensed and certified to perform activities related to an asbestos project. The establishment of a regulated work area is intended to prevent the release of asbestos dust, fibers, or debris which may be generated during abatement activities.
- M. *Surfactant*: A chemical wetting agent added to water to improve penetration, thus reducing the quantity of water required for a given operation or area.
- N. *Wet Methods*: The process of eliminating asbestos contamination from building surfaces and objects by using cloths, mops, or other cleaning tools which have been dampened with water for use during fine cleaning operations. Upon completion of fine cleaning activities, materials used during wet cleaning are disposed of as asbestos-contaminated waste.

PART 2 - EXECUTION

2.1 SPECIFIC CONTRACTOR RESPONSIBILITIES

A. Abatement and Remediation Regulations and Guidelines

In addition to any detailed requirements of this specification, the CONTRACTOR shall, at their own cost and expense, comply with all laws, ordinances, rules, and regulations of federal, state, regional, and local authorities regarding handling and storing of ACM and waste.

1. OSHA

29 CFR 1910

General Industry Standards

- | | |
|------------------|---|
| 29 CFR 1910.134 | Respiratory Protection |
| 29 CFR 1910.1200 | Hazard Communication |
| 29 CFR 1910.245 | Specifications for Accident Prevention (Signs and Tags) |
| 29 CFR 1926 | Construction Industry Standards |
| 29 CFR 1926.1101 | Asbestos Standard for the Construction Industry |

2. Environmental Protection Agency (EPA)

- | | |
|-----------------|---|
| 40 CFR Part 261 | United States Environmental Protection Agency Regulations |
| 40 CFR Part 61 | National Emissions Standard for Hazardous Air Pollutants;
NESHAP Asbestos Rule |

3. Commonwealth of Virginia

- | | |
|---|--|
| Code of Virginia 40.1-51.20 | Virginia Department of Labor and Industry's
Asbestos Notification Regulations |
| Virginia Administrative Code
Title 18, Agency 15, Chapter 21 | Virginia Department of Professional and
Occupational Regulation's Asbestos
Licensing Regulations |

B. Applicable Documents/References

When applicable, the contractor shall abide by the provisions of the following document for projects within facilities owned by the Commonwealth of Virginia.

1. Commonwealth of Virginia, Department of General Services Division of Engineering & Buildings, *Construction and Professional Services Manual*, 2024 Edition, Rev. 0, February 29, 2024, or latest edition.
2. Uniform Statewide Building Code (USBC)

C. Contractor Responsibilities

All regulations by the above and other governing agencies in their most current version are applicable throughout this project. Where there is a conflict between this Specification and the cited federal, state, and/or local regulations or guidelines, the more restrictive or stringent requirement(s) shall prevail. This Section refers to many requirements found in these references, but in no way is it intended to cite or reiterate all provisions therein or elsewhere. It is the CONTRACTOR's responsibility to know, understand, and abide by all such regulations, guidelines, and common practices.

D. Notifications and Approvals

The CONTRACTOR shall provide in proper and timely fashion all necessary notifications to relevant federal, state, and local authorities and obtain and comply with the provisions of all permits or applications required by the work specified, as well as make all required submittals required under those auspices.

- Provide written notification of any “asbestos project” that is ≥ 10 linear feet or ≥ 10 square feet to the Commonwealth of Virginia Department of Labor and Industry (DOLI) (16VAC25-20), at least twenty (20) days prior to the actual start of the asbestos project.
- The EPA shall be notified for any “asbestos project” that is at least 160 square feet, 260 linear feet, or 35 cubic feet and essentially for all demolition projects, regardless of whether ACM is present in the structure, at least ten (10) business days prior to commencement of work.

The CONTRACTOR shall indemnify the OWNER from, and pay for all claims resulting from, failure to adhere to these provisions. The costs for all permits, applications, and the like are to be borne by the CONTRACTOR.

1. Fees and Licenses

The CONTRACTOR shall pay all licensing fees, royalties, and other costs necessary for the use of any copyrighted or patented product, design, invention, or processing the performance of the job specified in this Section. The CONTRACTOR shall be solely responsible for costs, damages, or losses resulting from any infringement of these patent rights or copyrights. The CONTRACTOR shall hold the OWNER harmless from any costs, damages, and losses resulting from any infringement of these patent rights or copyrights. If the Contract Specification requests the use of any product, design, invention, or process that requires a licensing fee or royalty fee for use in the performance of the job, the CONTRACTOR shall be responsible for the fee or royalty and shall disclose the existence of such rights.

2. Applications and Permits

The CONTRACTOR shall obtain and comply with the provisions of all permits or applications required by the work specified, as well as make all required submittals required under those auspices. The CONTRACTOR shall indemnify the OWNER from, and pay for all claims resulting from, failure to adhere to these provisions. The costs for all permits, applications, and the like are to be assumed by the CONTRACTOR.

The CONTRACTOR shall be responsible for securing all necessary permits for work under this Section, including hauling, removal and disposal, fire and materials usage, or any other permits required to perform the specified work.

E. Coordination/Cooperation

The CONTRACTOR shall meet with the OWNER or OWNER's representative for a pre-abatement meeting prior to commencing work on the project. At the meeting, the CONTRACTOR and the field supervisors who will manage the project on a daily basis shall be in attendance. The CONTRACTOR shall present evidence that all requirements for initiation of the work have been met.

F. Documentation/Submittals

1. Pre-Abatement

The CONTRACTOR shall provide one (1) copy of the following submittals to the OWNER for review and approval prior to the initiation of the asbestos project:

- a. Copies of all notifications, permits, applications, licenses, and like documents required by federal, state, or local regulations obtained or submitted in proper fashion.
- b. Copy of CONTRACTOR's License and Asbestos Certification and any license modifiers.
- c. Copies of CONTRACTOR's training certificates as well as Commonwealth of Virginia Asbestos Supervisor and Worker licenses for those personnel that will staff the project.
- d. Determination of whom shall serve as the "Competent Person"
- e. A site-specific Health and Safety Plan.
- f. A detailed Asbestos Project Work Plan, including emergency plan in the event of fire or injury.
- g. Safety Data Sheets (SDS) for all materials and chemicals to be used on the project.
- h. Name and address of landfill where asbestos-containing waste materials are to be disposed.

2. Post-abatement

- a. The CONTRACTOR is required to submit to the OWNER within one (1) week following project completion:

- (1) Copies of waste shipment records and receipts (i.e., manifests) acknowledging disposal of all asbestos-containing waste material from the project showing delivery date, quantity, and appropriate signature of landfill's authorized representative.

(2) All personal air monitoring results.

2.2 PERSONAL PROTECTION

Prior to commencing work, all workers shall be instructed in all aspects of personnel protection, work procedures, emergency evacuation procedures, and the use of equipment including procedures unique to this project.

A. Respiratory Protection Requirements

Respiratory protection shall meet the requirements of OSHA as presented in 29 CFR 1910.134 titled "Respiratory Protection" and 29 CFR 1926.1101 "Asbestos in Construction." The protection factors shown in 29 CFR 1926.1101 shall be used for determining the proper level of respiratory protection needed to facilitate asbestos abatement activities conducted during this project.

Unless air monitoring data proves otherwise, it is anticipated that the appropriate level of respiratory protection for this project will be half-face air-purifying respirators equipped with disposable HEPA filtration cartridges. Half-face air-purifying respirators have a protection factor of ten (10). Respirators and all necessary maintenance materials shall be furnished at no cost to the employees.

The CONTRACTOR shall provide an adequate supply of HEPA filter elements or other necessary filter elements and spare parts on site for respirators in use.

Prior to commencing asbestos abatement operations, the CONTRACTOR shall conduct an initial exposure assessment to determine the minimum level of appropriate respiratory protection.

B. Personal Protective Equipment

1. Personal protection in the form of disposable coveralls (i.e., Tyvek® brand or similar) is required for all workers, supervisors, and authorized visitors entering the work area during the abatement and cleaning operations.
2. Each worker shall be provided with enough disposable suits/coveralls each day as needed. In addition to disposable suits for the workers, the CONTRACTOR shall provide suits for the third-party Project Monitor, if one is required, OWNER's representatives, and other personnel who are authorized to inspect the worksite. Disposable coveralls and other personal protective equipment (PPE) must be donned prior to entering the work area. A clean area will be provided for workers to put on suits and other PPE and to store their street clothes.
3. Disposable coveralls will be worn inside the work area after the area passes pre-abatement inspection and shall remain in use until the area passes final clearance

inspection. Lightweight nylon clothes may be worn under the suit, but these clothes must be changed before leaving the work area and should be laundered separately.

4. PPE clothing shall consist of a combination of moisture repellent, disposable full-body suits, head covers, gloves with cuffs extending outside the sleeves of the protective suit, boot or shoe covers, and eye protection.
5. Eye protection (i.e., safety glasses, face shields, or goggles) shall be furnished to personnel engaged in asbestos removal operations when the use of a full-face respirator is not required.
6. Goggles with side shields will be worn when working with a material that may splash or fragment, or if protective eye wear is specified in the SDS for that product.
7. Additional respiratory protection by supplemental filters, such as organic vapor cartridges, may be needed when handling some coating products or mastic removers. The CONTRACTOR shall consult the chemical's SDS and obtain the proper filters, as necessary.

2.3 SEQUENCING AND SCHEDULING

A. Work/Scheduling Requirements

Work shall be carried out in sequential phases. Inspection and approval of each phase by a third-party Project Monitor shall be sought and gained before proceeding to the next phase and in accordance with the schedule agreed upon by OWNER at the Pre-Construction meeting as amended. As a Contract requirement, any reasonable delay caused by this requirement will not constitute a basis for claim against

B. Owner's Facilities

The CONTRACTOR shall extend full cooperation to the OWNER and the OWNER'S representative(s) in all matters involving the use of OWNER's facilities. At no time shall the CONTRACTOR cause or allow to be caused conditions which may cause risk or hazard to the general public or conditions that might impair safe use of the facility. The use of the facility's electricity, water, or like utilities by the CONTRACTOR shall be coordinated through the OWNER. The CONTRACTOR shall document the condition of the work areas prior to initiating the asbestos project. Any damages incurred by the CONTRACTOR shall be the responsibility of the CONTRACTOR.

C. Working Hours

Working hours are to be coordinated with the OWNER.

2.4 METHODS OF REMOVAL

Materials and Equipment

The work contained within this Section, without limiting the generality thereof, includes the furnishing of labor, materials, tools, equipment, services, and incidentals necessary for the CONTRACTOR to complete all asbestos abatement and removal in accordance with this specification and any applicable engineering or architectural drawings (collectively "Plans") provided by the OWNER for this project. These Plans and Specifications are intended to describe and provide for a finished and complete piece of work. Work which is described by any portion of these documents shall be complete in every detail and in accordance with the established trade practice, notwithstanding whether every item or detail necessarily involved is particularly mentioned.

A. Materials

The following provisions surrounding materials usages apply:

1. All materials shall be delivered in original packaging, containers, or bundles bearing the name of the manufacturer and the brand name and product technical description.
2. Damaged or deteriorating materials shall not be used and shall be removed from the premises.
3. Polyethylene sheet in a roll size to minimize the frequency of joints shall be delivered to job site with factory label indicating 6 mil thickness (minimum).
4. Polyethylene disposable bags shall be 6-mil thickness (minimum) with pre-printed label.
5. Tape or adhesive spray will be capable of sealing joints in adjacent polyethylene sheets and for attachment of polyethylene sheet to finished or unfinished surfaces of dissimilar materials and capable of adhering under both dry and wet conditions, including use of amended water.
6. Impermeable containers are to be used to receive and retain any asbestos-containing or contaminated materials until disposal at an acceptable disposal site. The containers shall be labeled in accordance with EPA and DOT standards.
7. HEPA filtered exhaust systems shall be used during any dust-generating abatement operations.

B. Tools and Equipment

The CONTRACTOR shall:

1. Provide suitable tools for all abatement operations.
2. Provide sufficient inventory or dated purchase orders for materials necessary for the job including protective clothing, respirators, filter cartridges, polyethylene sheeting of proper size and thickness, tape, and air filters.
3. Provide power cables or sources such as generators (where required).
4. Provide vacuum units, of suitable size and capacities for project, with HEPA filter(s) capable of trapping and retaining at least 99.97% of all mono-dispersed particles of 0.3 micrometers in diameter.

C. Site Safety

1. The CONTRACTOR is responsible for ensuring safety compliance. This includes, but is not limited to electrical safety, mechanical (tool) safety, fire safety, and personnel protection/occupational exposure. Safety requirements are, for the most part, common sense and sound business practice; however, the CONTRACTOR is advised that federal, state, and local regulations exist which govern safety on the work site. Therefore, in addition to the following, the CONTRACTOR is responsible for adhering to the most stringent requirements in effect by any of the following entities or this Specification.
2. A primary concern in this type of work is to ensure an adequate number of entrances and exits exist in the event of an emergency. The nature of this work requires sealing entrances and the extensive use of 6-mil polyethylene sheeting. Clearly identify potential exits from the contained work area and inform workers of these exits. Never permanently seal (i.e., nail, bolt, hard cover) any potential escape exits.

D. Health and Safety Plan

1. Prior to the initiation of the asbestos project, the following tasks must be completed:
 - a. Establish a project-specific Site Safety Plan which includes a set of emergency procedures and post in a conspicuous place at the work site. The Site Safety Plan should include provisions for the following:
 - Evacuation of injured workers.

- Emergency and fire exit routes from all work areas, including local telephone numbers for fire and medical emergency personnel.
- Contact information and directions to the nearest hospital and urgent-care medical provider.
- Copies of applicable insurance certificates.
- Employee work logs.

- b. At a minimum, one (1) employee on site shall be trained and certified in basic first aid by the American Red Cross or equivalent. A general first aid kit may be maintained in the containment for treating minor medical problems; however, one (1) must be placed in a location that is readily accessible on the project site. All workers on site should be trained in general safety procedures.

E. Access to Work Areas

1. The CONTRACTOR shall provide for the security of the building or portion thereof involved in the abatement project. Only authorized personnel shall be allowed access into the work area. Secure all assigned entrances and exits at the end of the workday to prevent unauthorized entry.
2. A bound logbook must be maintained in which any person entering or leaving the asbestos abatement work area must sign and enter the dates and times of entry and departure.
3. Use of waste containers on-site shall be controlled under the following requirements:
 - Location of waste containers on-site shall be coordinated with the OWNER.
 - The waste containers shall be solid enclosed containers, lined with two layers of 6-mil polyethylene sheeting and locked and always secured.
 - Comply with all federal, state, and local regulations and ordinances regarding asbestos waste storage.
 - Do not allow anyone access to the abatement work area unless they have successfully passed an approved training program and have donned the appropriate level of PPE prior to entry.

E. Abatement of ACM

1. The CONTRACTOR shall designate in writing one individual as the project's Competent Person to ensure that the regulated areas and employees are compliant with all EPA (including NESHAP) and OSHA regulations and these specifications. The Competent Person shall be present on site at all times when

asbestos abatement work is in progress. This includes during the asbestos project's setup phase. The Competent Person shall also ensure the daily log is maintained, and copies are supplied to the OWNER, that non-friable materials be maintained intact and non-friable, that unauthorized personnel do not enter asbestos regulated areas, and that all employees and other personnel who enter the work area use the proper decontamination procedures. Proper work practices are necessary during asbestos removal to ensure that the concentration of asbestos fibers inside the work area remains as low as possible. One of the most important work practices is to wet the ACM before it is disturbed. ACM shall be thoroughly wet, removed as intact as possible, and immediately placed in properly labeled asbestos waste bags. Any residue that remains on the surface of the contaminated building component from which asbestos is removed shall be scraped and wet wiped. Sealable asbestos waste bags shall be 6-mil thickness and labeled as prescribed by the federal and state regulations referenced in these specifications.

2. Proper work practices are necessary during asbestos removal to ensure that the concentration of asbestos fibers inside the work area remains as low as possible. One of the most important work practices is to wet the ACM with amended water (water + surfactant) before it is disturbed. ACM shall be thoroughly wet, removed as intact as possible, and immediately placed in properly labeled asbestos waste bags. Any residue that remains on the surface of the contaminated building component from which asbestos is removed shall be scraped and wet wiped. Sealable asbestos waste bags shall be 6-mil thickness and labeled as prescribed by the federal and state regulations referenced in these specifications.
3. All asbestos abatement work shall be conducted within a "Regulated Work Area" in a manner that will control and minimize the release of asbestos fibers from the ACM and shall include the use of wet methods and vacuums equipped with HEPA filters.

Glove Bag Removal of Friable Mudded Pipe Elbows

Removal of asbestos-containing pipe elbow insulation shall be conducted within a "Regulated Area" in accordance with OSHA Class I Asbestos Work Practices as prescribed by 29 CFR 1926.1101 to include:

- Supervision by a competent person
- Use of an appropriate control method in accordance with 29 CFR 1926.1101(g)(5), such as a glove bag system designed for pipe elbows, where applicable
- Isolation of HVAC systems within the regulated area by sealing with a double layer of 6-mil polyethylene sheeting or equivalent

- Impermeable drop cloths (6-mil polyethylene sheeting) shall be placed beneath all removal activity
- Covering of objects within the regulated area with impermeable drop cloths or plastic sheeting secured with duct tape or equivalent
- Use of wet methods during removal
- Use of vacuums equipped with HEPA filters
- Establishment of appropriate barriers or other isolation measures to prevent the migration of airborne asbestos outside the regulated area, as required by 29 CFR 1926.1101(g)(4)
- Provision of an adjacent equipment room or area for worker and equipment decontamination, or a full decontamination unit where required by 29 CFR 1926.1101(j)
- Prompt cleanup and disposal of waste material

Removal of Non-friable Floor Tiles and Mastic Adhesives

Removal of asbestos-containing floor tile and associated mastic shall be conducted within a “Regulated Area” in accordance with OSHA Class II Asbestos Work Practices as prescribed by 29 CFR 1926.1101 to include:

- Supervision by a competent person
 - Equipment room contiguous to regulated area for worker decontamination before exiting
 - Use of wet methods during removal
 - Impermeable drop cloths (6-mil polyethylene sheeting) shall be placed beneath all removal activity
 - Material shall be removed substantially intact unless the employer demonstrates that intact removal is impossible
 - Use of vacuums equipped with HEPA filters
 - Prompt cleanup and disposal of waste material
4. Prior to the commencement of any abatement procedures, notification requirements must be met, and all required signage shall be posted.
 5. Decontamination Unit: When conducting removal using a full negative pressure containment, construct a three-stage decontamination unit. This unit shall be directly adjacent to the abatement area for the decontamination of workers contaminated with asbestos. The decontamination unit shall consist of an equipment room (dirty room), wash area, and clean change room in series. Ensure that employees use the worker decontamination chamber prior to leaving the work area.

6. Clean Area: During setup, select a clean area outside the abatement area for the workers to change into PPE. Contaminated equipment or personnel shall not be permitted in this area.
7. Work Area Pre-Cleaning: All surfaces shall be cleaned with a HEPA vacuum and all occupants' belongings shall be removed from the work area. All debris gathered during this clean-up shall be disposed of properly.
8. Polyethylene barriers and a clean area shall be maintained as long as needed for the safe and proper completion of the work. Any openings or tears in the work area barriers shall be corrected at the beginning of each workday (prior to commencement of abatement activities) and as necessary during the workday with such openings or tears reported immediately to the OWNER. Work will not be allowed to commence until all barriers are in place and acceptable to the third-party Project Monitor.
9. Barriers shall not be removed until the work areas are thoroughly cleaned, and the area approved by the third-party Project Monitor.
10. Signage: Prior to the preparation of an area for asbestos abatement, place OSHA-compliant warning signs immediately outside all entrances and exits to the abatement area, warning that the abatement work is being conducted in the vicinity. Language on the signs shall be consistent with that required by the appropriate OSHA standard for asbestos abatement work. Signs demarcating the regulated area shall be compliant with OSHA 29 CFR 1926.1101. Signs shall be posted in the language(s) of workers performing the asbestos work. Signs shall be posted in a manner consistent with the abatement procedures undertaken based on the work activity performed.
11. Polyethylene barriers shall be constructed and maintained within the building to isolate the exterior work area from the interior of the building. When working in negative pressure enclosures, the CONTRACTOR shall use the required number of HEPA-filtered air filtration exhaust units in Work Area to provide an average static negative pressure around the periphery of the Work Area of approximately -0.02-inch minimum water gauge when measured across any physical or critical barrier, with a minimum 100 feet per second air velocity at the decontamination unit opening and inward movement of air by smoke tube test at any test position. Place the air filtration device unit(s) so that makeup air enters the Work Area primarily through decontamination unit and is distributed throughout Work Area without dead zones, before discharging air from the Work Area. Set up the end of unit, an intake duct, or its exhaust duct, as appropriate, through an opening in polyethylene sheeting or wall covering. Seal the sheeting around unit or duct with tape. The intake end of the unit must be located inside the Work Area to allow change out of contaminated pre-filters.

Exhaust HEPA filtered fan units to outside of building unless authorized otherwise in writing by OWNER.

12. Locate auxiliary make-up air inlets as far as possible from fan unit(s) (e.g., on an opposite wall), off floor (preferably near ceiling). Cover with flaps to reseal automatically if the negative pressure system should shut down. In this event, spray the flap, and around the opening with adhesive so the flap closes tightly.
13. Remove ACM manually from substrate using wet methods. Finer cleaning is permissible with wire brush; however, abrasive blasting or other similar destructive methods are not permissible. No electric tools, pressure washers, or blowers are to be used inside a negative pressure enclosure. As ACM is removed, pack material while still wet into disposal bags. Twist neck of bags, bend over and seal with tape.
14. Wet ACM prior to removal to reduce fiber release into air. Wet by applying fine spray (mist) of amended water or removal encapsulant. Saturate the material sufficiently without causing excess dripping or pooling. Allow time for wetting solution to penetrate. If amended water is used, spray ACM repeatedly during work to maintain a continuously wet condition. If removal encapsulant is used, apply in accordance with manufacturer's instructions. Care shall be taken when using water during asbestos removal to prevent water escaping from the Work Area and contaminating areas outside of the Containment. Do not allow material to dry out. Mist the work area continuously with amended water to reduce airborne fiber concentrations.
15. After removal of ACM, vacuum, wet-clean, and dry surfaces in the Work Area. Continue the wet-clean and dry cycle until surfaces are free of visible material, as determined by tangent flashlight test.
16. Regulated Area: When working inside a regulated area **without a negative pressure enclosure** a decontamination area must be set up at the boundary line of the regulated zone. PPE must be safely decontaminated using the following sequence:
 - 1) Initial Clean (Inside the regulated area)
 - Use a HEPA vacuum to clean all visible dust and fibers off suit, boots, and respirators while inside the work zone.
 - If no vacuum is available use wet wipes or a wet cloth to damp-wipe suits, legs, and arms from the top down.
 - 2) Enter Decon Station
 - Step on plastic, move the designated decontamination zone (lined with 6-mil polyethylene sheeting) at the boundary edge.

- 3) Strip Disposable Suit
 - Unzip disposable suit and roll downward and inside-out to trap any remaining fibers on the inside of the suit.
 - Step out of the suit legs while keeping reusable boots or boot covers on.
- 4) Clean and Remove Footwear
 - Use wet wipes or a wet cloth to thoroughly clean reusable work boots.
 - Place used wipes directly into the asbestos waste bag.
- 5) Remove Gloves and Respirator Last
 - Remove protective gloves inside out.
 - Remove respirator **last** to ensure loose fibers are not breathed in while stripping the suit.
 - Immediately wash hands, face, and forearms with clean water and soap.
- 6) Clean and Store Respirator
 - Wipe down the respirator body with sanitizing wipes.
 - Store respirator and HEPA filters in a clean, dedicated plastic zip-lock bag for future use.

2.5 MONITORING AND CLEARANCE

A. Personal Air Monitoring

Personal air monitoring by the CONTRACTOR'S Competent Person or a third-party representative shall occur periodically throughout the project to determine the airborne concentrations of asbestos in accordance with 29 CFR 1926.1101. The Competent Person or third-party representative is responsible for the collection and analysis of personal air monitoring of their workers.

B. Third-Party Air Monitoring

The CONTRACTOR shall notify the OWNER that a third-party Project Monitor is required to be on site to perform air sampling and monitoring of project activities in the following scenarios:

1. Asbestos projects performed in buildings that are occupied or intended to be occupied upon completion of the asbestos project exceeding 260 linear feet, 160 square feet, or 35 cubic feet of ACM; or
2. Whenever the building or property owner deems it necessary.

In each of the above scenarios, the Project Monitor is required to be on site for the duration of the asbestos project to include work area setup and tear down. The Project Monitor should be licensed and certified to perform their duties in the Commonwealth of Virginia.

C. Inspection/Clearance

A third-party Asbestos Project Monitor, hired by the OWNER, will perform air sampling and abatement monitoring during the asbestos project. Additionally, the Asbestos Project Monitor will conduct air clearance sampling and a final visual inspection at the completion of cleaning in the asbestos abatement area. The visual inspection will be performed in accordance with ASTM E1368 *Standard for Visual Inspection Following Asbestos Abatement Projects* (i.e., “white glove clean” standard). It is at the discretion of the OWNER or the OWNER’S representative (i.e., the Project Monitor) to determine whether the regulated work area or negative pressure enclosure has been cleaned to the satisfaction of the standard. Once final air clearance samples are returned and are below the EPA clearance standard of 0.01 fibers per cubic centimeter (f/cc) and the Project Monitor has approved the visual clearance inspection, the regulated work area may be deregulated and decommissioned and re-occupancy into the ACM removal areas without the use of respiratory protection will be permitted.

2.6 DISPOSAL OF WASTE MATERIAL

All materials shall be disposed of in accordance with all laws and the provisions of this Section and any or all applicable federal, state, county, or local regulations and guidelines. The CONTRACTOR shall ensure compliance with all laws and regulations relating to waste disposal. Until analytical results are available, all waste materials (including water) shall be segregated and treated as special waste.

A. ACM Waste Stream

1. All ACM, or items which are contaminated with asbestos fibers, shall be placed in properly labeled 6-mil polyethylene disposal bags and sealed. Bags shall be labeled in accordance with OSHA, EPA, and DOT standards as containing asbestos materials. Asbestos waste from removal of non-friable ACM shall be disposed in a landfill permitted to accept non-friable ACM.
2. All sealed bags containing asbestos contaminated materials shall be thoroughly wiped down or vacuumed to remove gross asbestos contamination prior to being removed from the Work Area then double bagged prior to being removed from the regulated Work Area.

3. All bagged material moved out of the sealed work zone will be immediately disposed of in a truck or storage container. Storage containers shall be made of materials impermeable to wind, weather, pedestrian traffic, and can be closed and locked.
4. All local, state, and federal permits shall be obtained, and all required vehicle markings shall be installed prior to transporting the bags to an approved asbestos disposal landfill.
5. The number of bags removed from the regulated work area will be recorded in the CONTRACTOR's daily log.
6. Waste manifest records and trip tickets received by the landfill operation personnel shall be signed and stamped, indicating the date, time, number of bags accepted and approximate location of disposal in the landfill shall be submitted to the OWNER as proof of material disposal.

END OF SECTION

Attachment A

**Limited Asbestos & Lead Based Paint Survey Report
Chesapeake Bay Bridge and Tunnel District, Virginia Beach, Virginia
October 14, 2026**



October 14, 2026

Mr. Michael T. Crist, P.E.
Chesapeake Bay Bridge and Tunnel District
32386 Lankford Highway
Cape Charles, Virginia 23310

Via email: MCrist@cbbt.com

Subject: Limited Asbestos & Lead Based Paint Survey Report
Chesapeake Bay Bridge and Tunnel, Virginia Beach, Virginia
WSSI Project No. 33100.03

Dear Mr. Crist,

Wetland Studies and Solutions, Inc. (WSSI) is pleased to submit the results of the limited asbestos-containing materials (ACM) and lead-based paint (LBP) survey conducted at the Chesapeake Bay Bridge Tunnel (CBBT) vent buildings associated with the Thimble Shoals (Islands 1 and 2) and Chesapeake Channel (Islands 3 and 4) Tunnels in Virginia Beach, Virginia. WSSI staff inspected one (1) room in each of four (4) vent buildings scheduled for renovation for apparent suspect ACM and LBP.

The limited ACM and LBP survey was conducted on October 9, 2026, by Nadine Robertson (Virginia Licensed Asbestos Inspector #3303003793) and Rose Maestri (Virginia Licensed Asbestos Inspector #3303005166, Lead Inspector #3355001183) of WSSI. Quality Assurance/Control review of this report was performed by Jamie Armentrout (Virginia Licensed Asbestos Inspector #3303003841, Lead Risk Assessor #3356001031) of WSSI.

ASBESTOS INSPECTION

The ACM survey was conducted in accordance with the EPA's "National Emission Standards for Hazardous Air Pollutants; Asbestos NESHAP Final Rule, 40 CFR 61" and U.S. Occupational Safety and Health Administration's (OSHA's) "Asbestos in Construction Standard, 29 CFR 1926.1101", and included a physical assessment and sampling of suspect ACM from areas slated for renovation in the vent buildings. The buildings were inspected for both friable and non-friable suspect ACM.

Bulk samples of suspect ACM were submitted to Environmental Hazards Services, LLC, a National Voluntary Laboratory Accreditation Program (NVLAP) and American Industrial Hygiene Association (AIHA)-accredited asbestos analytical laboratory, located in Chesterfield, Virginia. The bulk samples were analyzed for asbestos content using Polarized Light Microscopy (PLM) with dispersion staining as prescribed in EPA 40 CFR Part 763.



Asbestos Inspection Findings

Friable ACM was identified above the drop ceiling in Vent Buildings 1, 2, and 3. Friable ACM is any material that contains more than one percent (1%) asbestos that can be crumbled, pulverized, or reduced to powder by hand pressure. The following friable ACM was identified:

Vent Building #1

- Two (2) mudded pipe elbows (2% Chrysotile asbestos)

Vent Building #2

- Two (2) mudded pipe elbows (2% Chrysotile asbestos)

Vent Building #3

- Two (2) mudded pipe elbows (2% Chrysotile asbestos)

The area above the drop ceiling in Vent Building #4 could not be sampled due to access limitations. Pipe elbows located in Vent Building #4 should be sampled once there is access or they should be presumed to contain asbestos and managed accordingly.

Non-friable ACM was identified in each vent building. Non-friable ACM is any material that contains more than one percent (1%) asbestos that cannot be crumbled, pulverized, or reduced to powder by hand pressure. The following non-friable ACM was identified:

Vent Building #1

- Approximately 107 square feet of 9"x9" white floor tile with gray streaks and black mastic (3-4% Chrysotile asbestos)

Vent Building #2

- Approximately 107 square feet of 9"x9" white floor tile with gray streaks and black mastic (3-4% Chrysotile asbestos)

Vent Building #3

- Approximately 102 square feet of 9"x9" white floor tile with gray streaks and black mastic (3-4% Chrysotile asbestos)
- Approximately 5 square feet of black mastic underneath 9"x9" off-white floor tile with black streaks (2% Chrysotile asbestos)
 - While not asbestos-containing, the floor tile should be handled as asbestos-containing waste materials as the mastic cannot be segregated from the adhered side of the tiles.

Vent Building #4

- Approximately 107 square feet of black mastic underneath 12”x12” gray floor tile (2% Chrysotile asbestos)
 - While not asbestos-containing, the floor tile should be handled as asbestos-containing waste materials as the mastic cannot be segregated from the adhered side of the tiles.

ACM should be managed in accordance with the NESHAP prior to renovation activities. Abatement response actions for these materials are provided in **Table 1** of this report.

Results of the ACM Sample Analysis

The following table summarizes the sampling areas identified within the buildings and details the results of the samples collected from each material. A copy of the laboratory analytical report is included in **Attachment A**.

ACM Sampling Results
Chesapeake Bay Bridge Tunnel Vent Buildings
October 9, 2026

EPA Category	Material Description	Photo	Sample ID	Sample Result
Vent Building #1				
Friable ACM	1PE1: mudded pipe elbow		1PE1-1	4% Chrysotile
Category I Non-Friable ACM	1FT1: 9”x9” white floor tile with black mastic		1FT1-1 (tile) 1FT1-1 (mastic) 1FT1-2 (tile) 1FT1-2 (mastic) 1FT1-3 (tile) 1FT1-3 (mastic)	3% Chrysotile 4% Chrysotile 3% Chrysotile 4% Chrysotile 3% Chrysotile 4% Chrysotile

EPA Category	Material Description	Photo	Sample ID	Sample Result
Non-ACM	1CT1: 3'x1' white ceiling tile with dots		1CT1-1 1CT1-2 1CT1-3	NAD NAD NAD
Non-ACM	1PW1: gray pipe wrap		1PW1-1 1PW1-2 1PW1-3	NAD NAD NAD
Vent Building #2				
Friable ACM	2PE1: mudded pipe elbow		2PE1-1	4% Chrysotile
Category I Non-Friable ACM	2FT1: 9"x9" white floor tile with black mastic		2FT1-1 (tile) 2FT1-1 (mastic) 2FT1-2 (tile) 2FT1-2 (mastic) 2FT1-3 (tile) 2FT1-3 (mastic)	3% Chrysotile 4% Chrysotile 3% Chrysotile 4% Chrysotile 3% Chrysotile 4% Chrysotile

EPA Category	Material Description	Photo	Sample ID	Sample Result
Non-ACM	2CT1: 3'x1' white ceiling tile with dots		2CT1-1 2CT1-2 2CT1-3	NAD NAD NAD
Non-ACM	2PW1: gray pipe wrap		2PW1-1 2PW1-2 2PW1-3	NAD NAD NAD
Vent Building #3				
Friable ACM	3PE1: mudded pipe elbow		3PE1-1	4% Chrysotile

EPA Category	Material Description	Photo	Sample ID	Sample Result
Category I Non-Friable ACM	3FT1: 9"x9" white floor tile with black mastic		3FT1-1 (tile) 3FT1-1 (mastic) 3FT1-2 (tile) 3FT1-2 (mastic) 3FT1-3 (tile) 3FT1-3 (mastic)	3% Chrysotile 4% Chrysotile 3% Chrysotile 4% Chrysotile 3% Chrysotile 4% Chrysotile
Category I Non-Friable ACM	3FT2: black mastic underneath 9"x9" off-white floor tile with black streaks		3FT2-1 3FT2-2 3FT2-3	2% Chrysotile 2% Chrysotile 2% Chrysotile
Non-ACM	3CT1: 3'x1' white ceiling tile with dots		3CT1-1 3CT1-2 3CT1-3	NAD NAD NAD

EPA Category	Material Description	Photo	Sample ID	Sample Result
Non-ACM	3PW1: gray pipe wrap		3PW1-1 3PW1-2 3PW1-3	NAD NAD NAD
Vent Building #4				
Category I Non-Friable ACM	4FT1: black mastic underneath 12"x12" gray floor tile		4FT2-1 4FT2-2 4FT2-3	2% Chrysotile 2% Chrysotile 2% Chrysotile

*NAD = indicates no asbestos detected in the sample. Method limit of detection is 1%.

No additional ACM was identified during the survey.

Asbestos sample locations are provided on Figures 1A-1D in **Attachment B**.

LEAD-BASED PAINT INSPECTION

At the request of the client, WSSI sampled pipe wrap in Vent Buildings 1, 2 and 3 for LBP based on a previous design specification for these buildings that stated, “the canvas covering shall be given two (2) coats of a lead and oil paint.” Of the three (3) painted surfaces tested, two (2) were found to be positive for LBP (i.e., containing 0.5% or more lead by weight). The positive LBP results were identified in Vent Buildings 2 and 3. The painted pipe covering in Vent Building #1 was found to be considered lead-containing paint (LCP) (i.e., containing more than 0.0% lead by weight, but less than 0.5% lead by weight). A copy of the laboratory analytical results are included in **Attachment A** of this report.

The area above the drop ceiling in Vent Building #4 could not be sampled due to access limitations. Pipe wrap located in Vent Building #4 should be sampled for LBP once there is access or it should be presumed to contain LBP and managed accordingly.

Lead-Based Paint Chip Sampling Results
Chesapeake Bay Bridge Tunnel Vent Buildings
October 9, 2026

Material Description	Photo	Sample ID	Sample Result % Lead by Weight
Gray paint on pipe wrap		1Pb-1 (Vent #1) 2Pb-1 (Vent #2) 3Pb-1 (Vent #3)	0.087 21 23

A copy of the laboratory analytical results are included in **Attachment A** of this report.

RECOMMENDATIONS

Asbestos-Containing Materials

The Asbestos NESHAP requires that each owner, or operator, of a demolition, or renovation, activity involving Regulated Asbestos-Containing Material (RACM) remove all such material from a facility being demolished, or renovated, before any activity begins that would break up, dislodge, or similarly disturb the material, or preclude access to the material for subsequent removal. A RACM is (a) friable asbestos material, (b) Category I non-friable ACM that has become friable, (c) Category I non-friable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading, or (d) Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material during demolition or renovation operations.

The identified Category I non-friable asbestos-containing floor tile and mastic are not considered RACM since they will not be subject to sanding, grinding, cutting, or abrading, nor do they have a high probability of becoming friable.

The following table summarizes the recommended response actions for each ACM identified during the survey and the types of Work Class Practices required by the OSHA Asbestos Construction Standard to be employed during removal.

Table 1
Recommended Response Actions for ACM
Chesapeake Bay Bridge Tunnel Vent Buildings
October 9, 2026

Material/Location	Approximate Quantity in square feet (sf)	Abatement Response Action
Category I Non-friable ACM –floor tile and mastic <i>Vent Buildings 1-3</i>	Vent #1 – 107 sf Vent #2 – 107 sf Vent #3 – 102 sf	Remove asbestos-containing floor tile and mastic in accordance with OSHA Class II Asbestos Work Practices including covering critical barriers, use of wet methods during removal, and dispose of material in an approved landfill that is licensed to accept non-friable asbestos waste material. If renovation activities render the asbestos-containing material friable by sanding, grinding, cutting, or abrading, it should be treated as RACM and disposed in an approved landfill that is licensed to accept friable asbestos waste material.
Category I Non-friable ACM –floor tile mastic <i>Vent Building 4</i>	Vent #3 – 5 sf Vent #4 – 107 sf	Remove asbestos-containing floor tile mastic in accordance with OSHA Class II Asbestos Work Practices including covering critical barriers, use of wet methods during removal, and dispose of material in an approved landfill that is licensed to accept non-friable asbestos waste material. If renovation activities render the asbestos-containing material friable by sanding, grinding, cutting, or abrading, it should be treated as RACM and disposed in an approved landfill that is licensed to accept friable asbestos waste material.
Friable pipe elbows <i>Vent Buildings 1-4</i>	8 elbows	Asbestos containing pipe elbow material should be removed in accordance with OSHA Class I Asbestos Work Practices including covering critical barriers, negative pressure enclosure or glove bags, and the use of wet methods during removal. Dispose of material in an approved landfill that is licensed to accept friable asbestos waste material.

Renovations within the buildings may expose or release suspect asbestos-containing building materials that were not readily accessible at the time of this inspection. If this should occur, demolition activities should stop until the suspect asbestos-containing building materials are sampled by an EPA-accredited asbestos inspector and analyzed by a laboratory accredited by NVLAP in asbestos identification.

Lead Paint Recommendations

Detectable concentrations of lead were identified in the paint from all sample locations. The OSHA Lead Exposure in Construction Standard (29 CFR 1926.62) must be followed when conducting any maintenance or construction activity that will affect the matrix of the painted surface. The OSHA standard applies whenever construction, repair, renovation (including painting and decoration), or demolition activities are undertaken. The definition also includes, but is not limited to:

- Demolition or salvage where lead-containing materials are present;
- Removal or encapsulation of lead-containing materials;
- New construction, alteration, repair or renovation of structures, substrates, or portions of structures or substrates containing lead;
- Installation of lead-containing products;
- Lead contamination emergency cleanup;
- Transportation, disposal, storage, or containment of lead or lead-containing materials at a construction site;
- Maintenance operations associated with construction activities.

Workers who prepare lead-containing painted surfaces for repainting, renovation or demolition must be protected from lead exposure because detectable concentrations of lead were identified on all painted surfaces sampled in the building. Dust containing hazardous concentrations of lead may be generated during scraping or cutting materials coated with lead-containing paint. Torching of these materials may produce lead oxide fumes. Therefore, air monitoring and/or respiratory protection may be required during the demolition of materials coated with lead-containing paint.

There are currently no federal or state regulations that require the paint to be removed prior to demolition or renovation of the building. However, if renovation or demolition activity will affect any surfaces where lead-containing materials are present, the workers conducting the renovation or demolition must be protected against exposure to lead. Paint wastes generated from such activities may be subject to hazardous waste handling and disposal requirements under the Resource Conservation and Recovery Act (RCRA).

This information should be disclosed to the contractor prior to renovation or demolition work. The renovation/demolition contractor is responsible for complying with the provisions of the Lead in Construction Standard (29 CFR 1926.62) if planned activities will disturb the paint matrix.

Mr. Michael T. Crist, P.E. – Chesapeake Bay Bridge-Tunnel District
Limited ACM & LBP Survey Report, Vent Buildings #1-4
October 14, 2026
WSSI #33100.03
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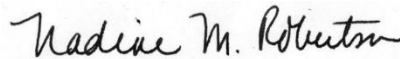
We appreciate this opportunity to provide our environmental consulting services on this project and look forward to continued service.

Please feel free to contact us at (804) 442-3330 with any questions.

Sincerely,
Wetland Studies and Solutions, Inc.



Rose Maestri
Project Scientist
VA Asbestos Inspector #3303005166
VA Lead Inspector #3355001183



Nadine M. Robertson
Senior Associate Environmental Scientist
VA Asbestos Inspector License #3303002768



Jamie Armentrout
Associate Environmental Scientist
VA Asbestos Inspector \$3303003841
VA Lead Risk Assessor #3356001031

w/ Attachments

Attachment A
Laboratory Analytical Results



7469 Whitepine Rd
North Chesterfield, VA 23237
Telephone: 800.347.4010

Asbestos Bulk Analysis Report

Report Number: 26-10-02048

Client: WSSI-Mechanicsville
1620 Brook Road
Richmond, VA 23220

Received Date: 10/09/2026
Analyzed Date: 10/09/2026, 10/12/2026
Reported Date: 10/12/2026

Project/Test Address: CBBT Vent Buildings 1-4 ACM Sampling; 2400 Northampton Blvd;
VA Beach, VA

Client Number:
48-5796

Fax Number:
804-442-3334

Laboratory Results

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
26-10-02048-001A	1FT1-1	Tile	Gray Granular Vinyl; Homogeneous	3% Chrysotile	97% Non-Fibrous
Total Asbestos: 3%					
26-10-02048-001B	1FT1-1	Mastic	Black Adhesive; Homogeneous	4% Chrysotile	96% Non-Fibrous
Total Asbestos: 4%					
26-10-02048-001C	1FT1-1	Other *	Gray Rubbery; Homogeneous	NAD	100% Non-Fibrous
*Caulking-type material atop associated Tile					
26-10-02048-002A	1FT1-2	Tile	Gray Granular Vinyl; Homogeneous	3% Chrysotile	97% Non-Fibrous
Total Asbestos: 3%					
26-10-02048-002B	1FT1-2	Mastic	Black Adhesive; Homogeneous	4% Chrysotile	96% Non-Fibrous
Total Asbestos: 4%					

Environmental Hazards Services, L.L.C

Client Number: 48-5796

Report Number: 26-10-02048

Project/Test Address: CBBT Vent Buildings 1-4 ACM Sampling;
2400 Northampton Blvd; VA Beach, VA

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
26-10-02048-003A	1FT1-3	Tile	Gray Granular Vinyl; Homogeneous	3% Chrysotile	97% Non-Fibrous
Total Asbestos:				3%	
26-10-02048-003B	1FT1-3	Mastic	Black Adhesive; Homogeneous	4% Chrysotile	96% Non-Fibrous
Total Asbestos:				4%	
26-10-02048-003C	1FT1-3	Other *	Gray Rubbery; Homogeneous	NAD	100% Non-Fibrous
*Caulking-type material atop associated Tile					
26-10-02048-004	1CT1-1		Yellow Fibrous; Homogeneous	NAD	98% Fibrous Glass 2% Non-Fibrous
26-10-02048-005	1CT1-2		Yellow Fibrous; Homogeneous	NAD	98% Fibrous Glass 2% Non-Fibrous
26-10-02048-006	1CT1-3		Yellow Fibrous; Homogeneous	NAD	98% Fibrous Glass 2% Non-Fibrous
26-10-02048-007	1PW1-1		Gray Brittle; Tan/Yellow Fibrous; Inhomogeneous	NAD	45% Cellulose 30% Fibrous Glass 25% Non-Fibrous
26-10-02048-008	1PW1-2		Gray Brittle; Tan/Yellow Fibrous; Inhomogeneous	NAD	55% Cellulose 15% Fibrous Glass 30% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 48-5796

Report Number: 26-10-02048

Project/Test Address: CBBT Vent Buildings 1-4 ACM Sampling;
2400 Northampton Blvd; VA Beach, VA

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
26-10-02048-009	1PW1-3		Gray Brittle; Tan/Yellow Fibrous; Inhomogeneous	NAD	45% Cellulose 30% Fibrous Glass 25% Non-Fibrous
26-10-02048-010	1PE1-1		Gray Brittle; Tan Fibrous; Pale Gray Powdery Fibrous; Inhomogeneous	4% Chrysotile	4% Cellulose 22% Fibrous Glass 70% Non-Fibrous
Total Asbestos:				4%	
Chrysotile present in Powdery Fibrous Insulation-type material					
26-10-02048-011A	2FT1-1	Tile	Gray Granular Vinyl; Homogeneous	3% Chrysotile	97% Non-Fibrous
Total Asbestos:				3%	
26-10-02048-011B	2FT1-1	Mastic	Black Adhesive; Homogeneous	4% Chrysotile	96% Non-Fibrous
Total Asbestos:				4%	
26-10-02048-012A	2FT1-2	Tile	Gray Granular Vinyl; Homogeneous	3% Chrysotile	97% Non-Fibrous
Total Asbestos:				3%	
26-10-02048-012B	2FT1-2	Mastic	Black Adhesive; Homogeneous	4% Chrysotile	96% Non-Fibrous
Total Asbestos:				4%	
26-10-02048-013A	2FT1-3	Tile	Gray Granular Vinyl; Homogeneous	3% Chrysotile	97% Non-Fibrous
Total Asbestos:				3%	
26-10-02048-013B	2FT1-3	Mastic	Black Adhesive; Homogeneous	4% Chrysotile	96% Non-Fibrous
Total Asbestos:				4%	

Environmental Hazards Services, L.L.C

Client Number: 48-5796

Report Number: 26-10-02048

Project/Test Address: CBBT Vent Buildings 1-4 ACM Sampling;
2400 Northampton Blvd; VA Beach, VA

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
26-10-02048-014	2CT1-1		Yellow Fibrous; Homogeneous	NAD	98% Fibrous Glass 2% Non-Fibrous
26-10-02048-015	2CT1-2		Yellow Fibrous; Homogeneous	NAD	98% Fibrous Glass 2% Non-Fibrous
26-10-02048-016	2CT1-3		Yellow Fibrous; Homogeneous	NAD	98% Fibrous Glass 2% Non-Fibrous
26-10-02048-017	2PW1-1		Gray Brittle; Tan/Yellow Fibrous; Inhomogeneous	NAD	55% Cellulose 15% Fibrous Glass 30% Non-Fibrous
26-10-02048-018	2PW1-2		Gray Brittle; Tan/Yellow Fibrous; Inhomogeneous	NAD	55% Cellulose 15% Fibrous Glass 30% Non-Fibrous
26-10-02048-019	2PW1-3		Gray Brittle; Tan/Yellow Fibrous; Inhomogeneous	NAD	55% Cellulose 15% Fibrous Glass 30% Non-Fibrous
26-10-02048-020	2PE1-1		Gray Brittle; Tan Fibrous; Pale Gray Powdery Fibrous; Inhomogeneous	4% Chrysotile	4% Cellulose 22% Fibrous Glass 70% Non-Fibrous
				Total Asbestos: 4%	
Chrysotile present in Powdery Fibrous Insulation-type material					
26-10-02048-021A	3FT1-1	Tile	Gray Granular Vinyl; Homogeneous	3% Chrysotile	97% Non-Fibrous
				Total Asbestos: 3%	

Environmental Hazards Services, L.L.C

Client Number: 48-5796

Report Number: 26-10-02048

Project/Test Address: CBBT Vent Buildings 1-4 ACM Sampling;
2400 Northampton Blvd; VA Beach, VA

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
26-10-02048-021B	3FT1-1	Mastic	Black Adhesive; Homogeneous	4% Chrysotile	96% Non-Fibrous
Total Asbestos:				4%	
26-10-02048-022A	3FT1-2	Tile	Gray Granular Vinyl; Homogeneous	3% Chrysotile	97% Non-Fibrous
Total Asbestos:				3%	
26-10-02048-022B	3FT1-2	Mastic	Black Adhesive; Homogeneous	4% Chrysotile	96% Non-Fibrous
Total Asbestos:				4%	
26-10-02048-023A	3FT1-3	Tile	Gray Granular Vinyl; Homogeneous	3% Chrysotile	97% Non-Fibrous
Total Asbestos:				3%	
26-10-02048-023B	3FT1-3	Mastic	Black Adhesive; Homogeneous	4% Chrysotile	96% Non-Fibrous
Total Asbestos:				4%	
26-10-02048-024	3CT1-1		Yellow Fibrous; Homogeneous	NAD	98% Fibrous Glass 2% Non-Fibrous
26-10-02048-025	3CT1-2		Yellow Fibrous; Homogeneous	NAD	98% Fibrous Glass 2% Non-Fibrous
26-10-02048-026	3CT1-3		Yellow Fibrous; Homogeneous	NAD	98% Fibrous Glass 2% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 48-5796

Report Number: 26-10-02048

Project/Test Address: CBBT Vent Buildings 1-4 ACM Sampling;
2400 Northampton Blvd; VA Beach, VA

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
26-10-02048-027	3PW1-1		Gray Brittle; Tan/Yellow Fibrous; Inhomogeneous	NAD	50% Cellulose 2% Fibrous Glass 48% Non-Fibrous
26-10-02048-028	3PW1-2		Gray Brittle; Tan/Yellow Fibrous; Inhomogeneous	NAD	50% Cellulose 2% Fibrous Glass 48% Non-Fibrous
26-10-02048-029	3PW1-3		Gray Brittle; Tan/Yellow Fibrous; Inhomogeneous	NAD	50% Cellulose 2% Fibrous Glass 48% Non-Fibrous
26-10-02048-030	3PE1-1		Gray Brittle; Tan Fibrous; Pale Gray Powdery Fibrous; Inhomogeneous	4% Chrysotile	4% Cellulose 25% Fibrous Glass 67% Non-Fibrous
Total Asbestos:				4%	
Chrysotile present in Powdery Fibrous Insulation-type material					
26-10-02048-031A	3FT2-1	Tile	Off-Gray Granular Vinyl; Homogeneous	NAD	100% Non-Fibrous
26-10-02048-031B	3FT2-1	Mastic	Black Adhesive; Homogeneous	2% Chrysotile	3% Cellulose 95% Non-Fibrous
Total Asbestos:				2%	
26-10-02048-032A	3FT2-2	Tile	Off-Gray Granular Vinyl; Homogeneous	NAD	100% Non-Fibrous
26-10-02048-032B	3FT2-2	Mastic	Black Adhesive; Homogeneous	2% Chrysotile	3% Cellulose 95% Non-Fibrous
Total Asbestos:				2%	

Environmental Hazards Services, L.L.C

Client Number: 48-5796

Report Number: 26-10-02048

Project/Test Address: CBBT Vent Buildings 1-4 ACM Sampling;
2400 Northampton Blvd; VA Beach, VA

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
26-10-02048-033A	3FT2-3	Tile	Off-Gray Granular Vinyl; Homogeneous	NAD	100% Non-Fibrous
26-10-02048-033B	3FT2-3	Mastic	Black Adhesive; Homogeneous	2% Chrysotile	3% Cellulose 95% Non-Fibrous
Total Asbestos:				2%	
26-10-02048-034A	4FT1-1	Tile	Pale Gray Granular Vinyl; Homogeneous	NAD	100% Non-Fibrous
26-10-02048-034B	4FT1-1	Mastics	Yellow/Black Adhesive; Inhomogeneous	2% Chrysotile	2% Cellulose 96% Non-Fibrous
Total Asbestos:				2%	
Unable to cleanly separate mastics.					
26-10-02048-035A	4FT1-2	Tile	Pale Gray Granular Vinyl; Homogeneous	NAD	100% Non-Fibrous
26-10-02048-035B	4FT1-2	Mastics	Yellow/Black Adhesive; Inhomogeneous	2% Chrysotile	2% Cellulose 96% Non-Fibrous
Total Asbestos:				2%	
Unable to cleanly separate mastics.					
26-10-02048-036A	4FT1-3	Tile	Pale Gray Granular Vinyl; Homogeneous	NAD	100% Non-Fibrous
26-10-02048-036B	4FT1-3	Mastics	Yellow/Black Adhesive; Inhomogeneous	2% Chrysotile	2% Cellulose 96% Non-Fibrous
Total Asbestos:				2%	
Unable to cleanly separate mastics.					

Environmental Hazards Services, L.L.C

Client Number: 48-5796

Report Number: 26-10-02048

Project/Test Address: CBBT Vent Buildings 1-4 ACM Sampling;
2400 Northampton Blvd; VA Beach, VA

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
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QC Sample: 109-M22014-2, 110-M22020-2

QC Blank: Sodium Chloride, ACS, 99.0%

Reporting Limit: 1% Asbestos

Method: App. E to Sub. E of 40 CFR Part 763 and EPA/600/R-93/116

Analyst: Brendan Landes

Reviewed By Authorized Signatory:



Candace Mason
Quality Manager

These results are based on a comparative visual estimate. The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Each distinct component in an inhomogeneous sample was analyzed separately and reported as a composite. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of the Environmental Hazards Service, L.L.C. All information concerning sampling location, date, and time can be found on Chain-of-Custody. Environmental Hazards Services, L.L.C. does not perform any sample collection. . NVLAP #101882-0 VELAP 460172

Environmental Hazards Services, L.L.C. recommends reanalysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), (for enhanced detection capabilities) for materials regulated by EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

400 Point Count Analysis, where noted, performed per EPA Method 600/R-93/116 with a Reporting Limit of 0.25%.

LEGEND: NAD = no asbestos detected

ENVIRONMENTAL HAZARDS SERVICES, LLC

Asbestos Chain of Custody Form

Page 1 of 2

Company Name		WSSI, Inc.		Account #		48-5796	
Company Address		1620 Brook Road		City/State/Zip		Richmond, VA 23220	
Phone		804-442-3330		Email		nrobertson@wetlands.com	
Project Name/Test Address		CBBT Vent Buildings 1-4 ACM Sampling, 2400 Northampton Blvd, VA Beach, VA					
PO Number		TBD		Collected By			
Turn-Around Time		☐ 5 Day ☐ 3 Day ☐ 2 Day ☒ 1 Day ☐ Same Day / Weekend - Must Call Ahead					
☐ PLM New York Protocol		☐ PLM New Jersey Protocol		☐ PLM South Carolina Protocol			

LAB NUMBER	Client Sample ID	Homogeneous Area	Positive Stop	Collection Date & Time	BULK				AIR				COMMENTS	
					PLM	Point Count 400	Point Count 1000	TEM Bulk	PCM	TEM AHERA	NIOSH 7402	Time In Total Minutes		Flow Rate In L/Min
1	1FT 1-1			10/9/26	X									
2	1FT 1-2													
3	1FT 1-3													
4	1 CT 1-1													
5	1CT 1-2													
6	1CT 1-3													
7	1PW 1-1													
8	1PW 1-2													
9	1PW 1-3													
10	1PE 1-1													
11	2FT 1-1													
12	2FT 1-2													
13	2FT 1-3													
14	2CT 1-1													
15	2CT 1-2													

Released By:	Nadine Robertson	Date:	10/9/2026	Time:	2:00
Signature:					

LAB USE ONLY - BELOW THIS LINE

Received By:

Signature:

Date: 10/9/2026

Time: 2:00pm

☐ AM ☐ PM

☐ Portal Contact Added

26-10-02048



Due Date:
10/12/2026
(Monday)
AE

ENVIRONMENTAL HAZARDS SERVICES, LLC

Asbestos Chain of Custody Form

Page 2 of 2

LAB NUMBER	Client Sample ID	Homogeneous Area	Positive Stop	Collection Date & Time	BULK				AIR				COMMENTS	
					PLM	Point Count 400	Point Count 1000	TEM Bulk	PCM	TEM AHERA	NIOSH 7402	Time In Total Minutes		Flow Rate In L/Min
16	2CT1-3			10/9/2020	X									
17	2PW1-1													
18	2PW1-2													
19	2PW1-3													
20	2PE1-1													
21	3FT1-1													
22	3FT1-2													
23	3FT1-3													
24	3CT1-1													
25	3CT1-2													
26	3CT1-3													
27	3PW1-1													
28	3PW1-2													
29	3PW1-3													
30	3PE1-1													
31	3FT2-1													
32	3FT2-2													
33	3FT2-3													
34	4FT1-1													
35	4FT1-2													
36	4FT1-3													
37														
38														
39														
40														
41														
42														
43														
44														
45														

Received By: ELKINS

EHS Order #: 02048

Signature: [Signature]

Date: 10/9/2020 Time: 2:00pm AM PM



7469 Whitepine Rd
North Chesterfield, VA 23237
Telephone: 800.347.4010

Lead Paint Chip Analysis Report

Report Number: 26-10-02050

Client: WSSI-Mechanicsville
1620 Brook Road
Richmond, VA 23220

Received Date: 10/09/2026
Analyzed Date: 10/12/2026
Reported Date: 10/12/2026

Project/Test Address: CBBT Vent Buildings 1-4 ACM Sampling
Collection Date: 10/09/2026

Client Number:
48-5796

Laboratory Results

Fax Number:
804-442-3334

Lab Sample Number	Client Sample Number	Collection Location	Pb (ug/g) ppm	% Pb by Wt.	Narrative ID
26-10-02050-001	1PB-1		870	0.087	L04
26-10-02050-002	2PB-1		210000	21	L04
26-10-02050-003	3PB-1		230000	23	L04

Environmental Hazards Services, L.L.C

Client Number: 48-5796

Report Number: 26-10-02050

Project/Test Address: CBBT Vent Buildings 1-4 ACM Sampling

Lab Sample Number	Client Sample Number	Collection Location	Pb (ug/g) ppm	% Pb by Wt.	Narrative ID
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Sample Narratives:

L04: Sample contains substantial amounts of substrate which may affect the calculated results with units of ppm and % by weight.

Preparation Method: ASTM E-1979-17

Analysis Method: EPA SW846 7000B

Reviewed By Authorized Signatory:

Melissa Kanode

Melissa Kanode
QA/QC Clerk

The Reporting Limit (RL) for samples prepared by ASTM E-1979-17 is 10.0 ug Total Pb. The RL for samples prepared by EPA SW846 3050B is 25.0 ug Total Pb. Paint chip area and results are calculated based on area measurements determined by the client. All internal quality control requirements associated with this batch were met, unless otherwise noted.

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the client. Sample location, description, area, etc., was provided by the client. Results reported above in mg/cm³ are calculated based on area supplied by client. Measurement Uncertainty values are available upon request. This report shall not be reproduced except in full, without the written consent of Environmental Hazards Services, L.L.C.

ELLAP Accreditation through AIHA LAP, LLC (100420), NY ELAP #11714.

LEGEND	Pb= lead	ug = microgram	ppm = parts per million
	ug/g = micrograms per gram	Wt. = weight	

ENVIRONMENTAL HAZARDS SERVICES, LLC

Lead Chain of Custody Form

Page 1 of 1

Company Name	LSSI Inc.		Account #	48-5796	
Company Address	1620 8100th Rd		City/State/Zip	Richmond VA 23220	
Phone	804-442-3230		Email	nrolson@lssinc.com	
Project Name / Testing Address		CBOT Vent Buildings 1-4 Ach Sampling			
PO Number		Collected By			
Turn-Around Time	☐ 5 Day ☐ 3 Day ☐ 2 Day ☒ 1 Day ☐ Same Day / Weekend - Must Call Ahead				
Do Submitted Dust Wipe Samples Meet ASTM E1792 Requirements?			☐ Yes ☐ No		NEW YORK CITY Pb DUST WIPE PROJECTS: Please take floor dust wipe samples using a 2 ft ² wipe area.

SAMPLE TYPES				SAMPLE LOCATION ABBREVIATIONS										SURFACE TYPE FOR DUST WIPES			
Dust Wipe	DW	Air	A	Family Room	FR	Front	F	1st FL	1	Bath	BA	Bedroom	BR	Floor	FL	Window Well	WW
Paint Chip	PC	Soil	S	Living Room	LR	Rear	R	2nd FL	2	Dining	DR	Basement	O	Carpet	CP	Window Sill	SL
Composite Soil	CS	Composite Wipe	CW	Den	DN	Left	LT	Right	RT	Kitchen	KT						
LAB NUMBER	Client Sample ID	Collection Date/Time	Sample Type	Collection Location [LR, KT, BA,]				Surface Type	Area Length X Width (In Inches) [Provide paint chip area only if results are needed in mg/cm ²]	Paint Chip % by weight	Paint Chip By area mg/cm ²	Air Total Time [minutes]			Flow Rate [L/min]	Total Volume [Liters]	
1	1 Pb-1	10/9/26	PC						X								
2	2 Pb-1	↓	↓						X								
3	3 Pb-1	↓	↓						X								
4									X								
5									X								
6									X								
7									X								
8									X								
9									X								
10									X								
11									X								
12									X								
13									X								
14									X								

Released By:	D. MacSVi		Date:	10/9/26		Time:	1:50	
Signature:								

LAB USE ONLY - BELOW THIS LINE

Received By:
 Signature:
 Date: 10/9/2026 Time: 2031 ☐ AM ☐ PM

☐ Portal Contact Added

7469 WHITEPINE RD, RICHMOND, VA 23237 (800)-347-4010
 RESULTS VIA CLIENT PORTAL AVAILABLE @ www.leadlab.com

26-10-02050

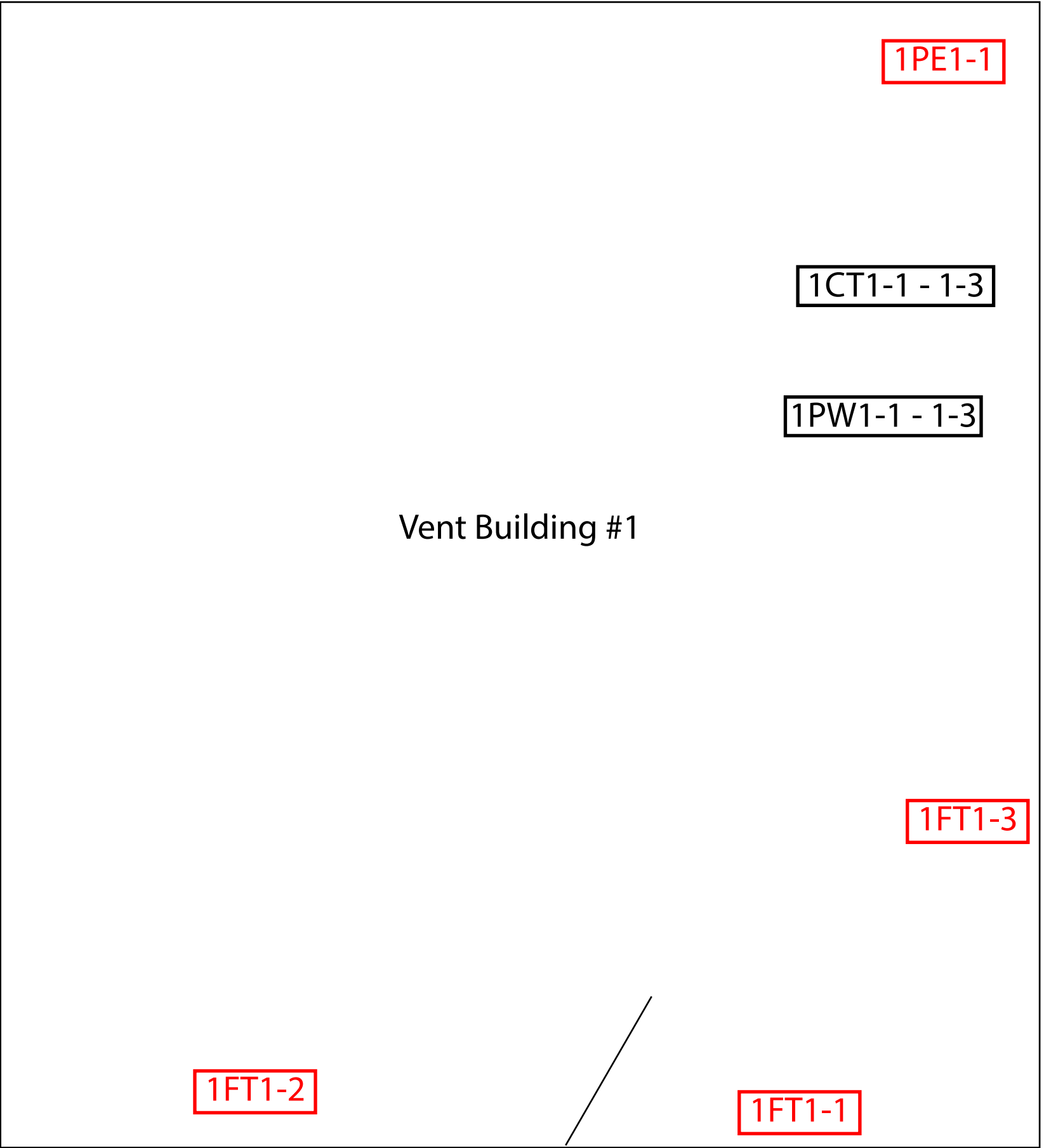


Due Date:
 10/12/2026
 (Monday)
 AE

Attachment B

**Figures 1A-1D
Asbestos Sample Locations**

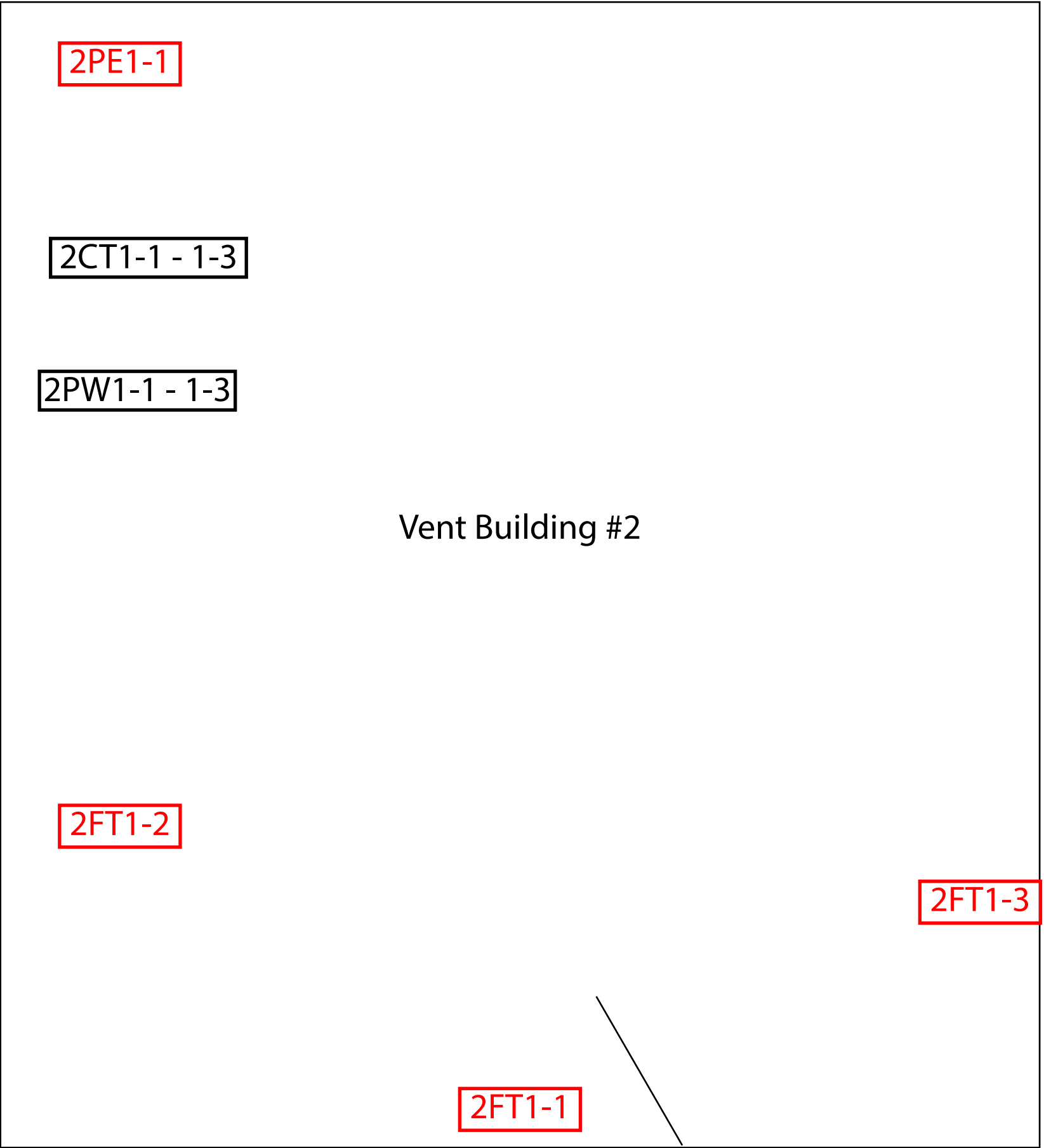
Figure 1A
Chesapeake Bay Bridge and Tunnel
Vent Building #1
Virginia Beach, Virginia
Limited Asbestos Survey
WSSI #33100.03 Asbestos Sample Locations



= Asbestos-Containing Material Sample Location

*This diagram is not to scale.

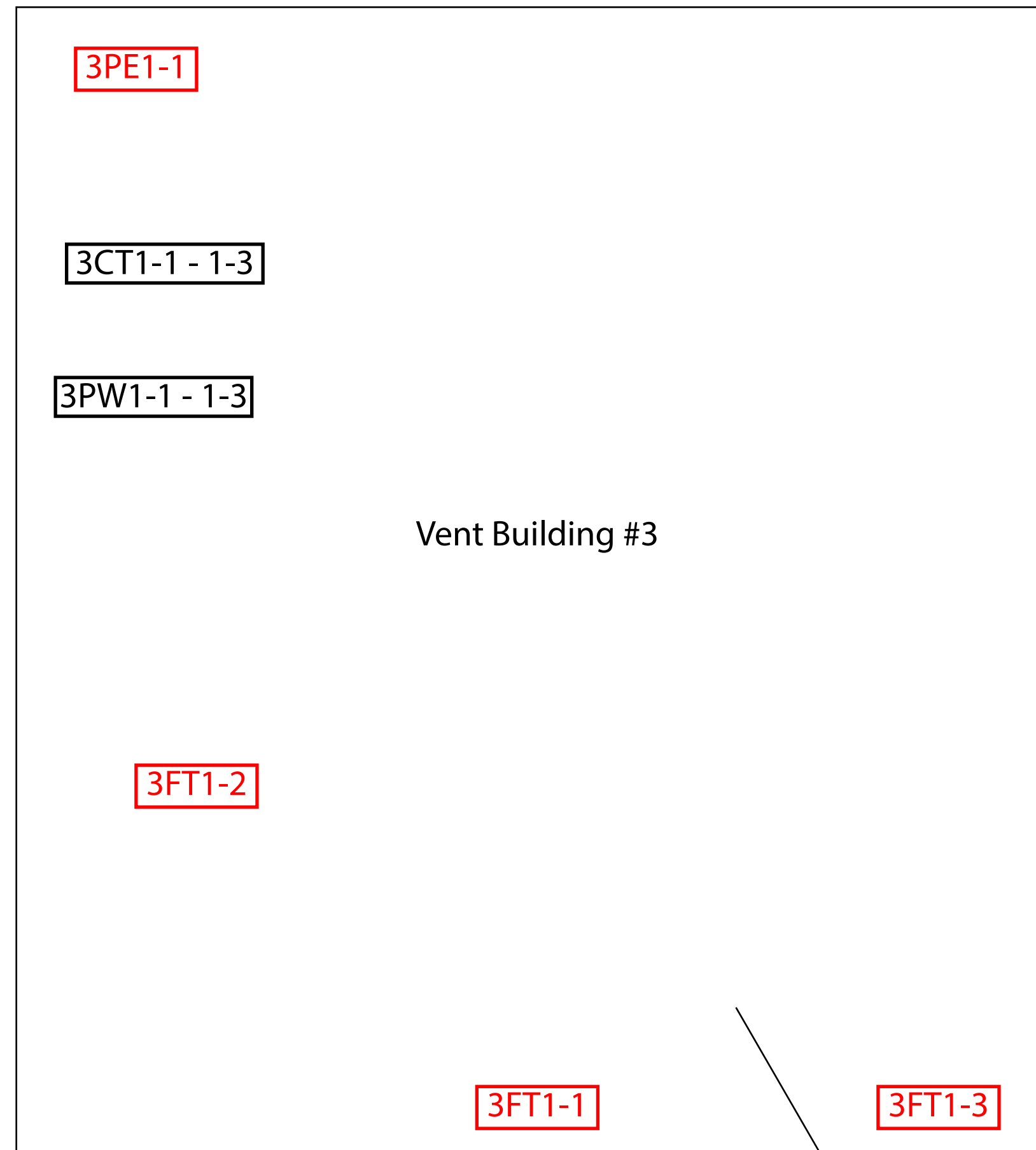
Figure 1B
Chesapeake Bay Bridge and Tunnel
Vent Building #2
Virginia Beach, Virginia
Limited Asbestos Survey
WSSI #33100.03 Asbestos Sample Locations



= Asbestos-Containing Material Sample Location

*This diagram is not to scale.

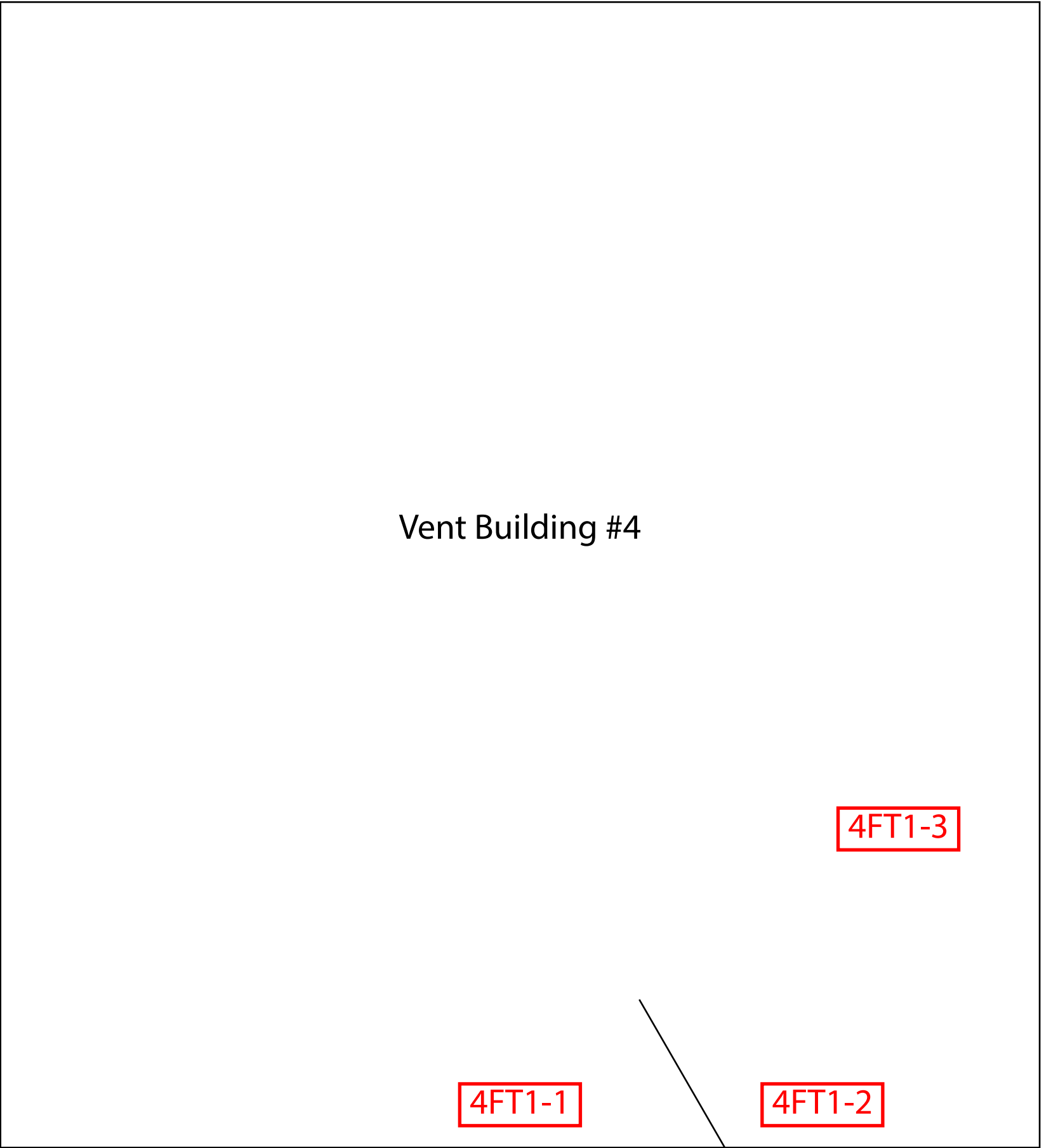
Figure 1C
Chesapeake Bay Bridge and Tunnel
Vent Building #3
Virginia Beach, Virginia
Limited Asbestos Survey
WSSI #33100.03 Asbestos Sample Locations



= Asbestos-Containing Material Sample Location

*This diagram is not to scale.

Figure 1D
Chesapeake Bay Bridge and Tunnel
Vent Building #4
Virginia Beach, Virginia
Limited Asbestos Survey
WSSI #33100.03 Asbestos Sample Locations



= Asbestos-Containing Material Sample Location

*This diagram is not to scale.