



Proposal for Asbestos & Mold Inspection



***Field
Services***

At:

**Spellman Administration Building
829 Paoli Pike
West Chester, PA 19380**

For:

**Ms. Dana C. DiDomenico
Administrative Assistant
Borough of West Chester
401 East Gay Street
West Chester, PA 19380**



***Lab
Services***

Prepared By:

**Mr. Eric Wysocki
Project Manager**

Proposal Date:

October 9, 2017



***Training
Services***

Proposal Number:

P170547



October 9, 2017

Borough of West Chester
401 East Gay Street
West Chester, PA 19380

Attention: Ms. Dana C. DiDomenico
Administrative Assistant

Reference: Asbestos & Mold Inspection-Spellman Administration Building
829 Paoli Pike, West Chester, PA
Our Proposal Number **P170547**

Dear Ms. DiDomenico,

Pursuant to your request, Criterion Laboratories, Inc. (Criterion) is pleased to submit this agreement to perform asbestos and mold testing at the above-referenced site. We will inspect a 2-story building on the site. No roof samples will be collected.

I. SCOPE OF WORK

A. Asbestos Survey

The proposed survey will include a comprehensive search for asbestos-containing materials (ACM) throughout the structure listed above.

1. Identification of Suspicious ACM

Criterion will conduct a comprehensive asbestos survey of the property for suspicious, accessible ACM. Our survey will include a thorough inspection for thermal insulation, as well as ceiling tiles, spray-on material, transite wallboard and ceiling panels, floor tiles, plaster and drywall/joint compound.

This inspection will also include surfaces above suspended ceilings or other non-permanent structures, pipe tunnels, crawlspace, vents, or duct systems, as long as these areas are readily accessible.

2. Bulk Sampling and Assessment

- a. Criterion's Pennsylvania-licensed asbestos building inspector will initially walk through the structure and then make a determination as to the distribution of pipe for plumbing, HVAC, and various mechanical systems. Immediately following, the building inspector will inspect each area in a logical order categorizing suspicious ACM into homogeneous areas. Homogeneous areas are defined as material being uniform in texture, appearance, and date of application. Each homogeneous area of suspicious, friable and non-friable ACM will be documented on field data sheets.
- b. If any suspicious, friable and non-friable ACM is found, representative, limited bulk samples will be taken per homogeneous area and analyzed to conclusively identify the presence, type, and content of asbestos. Sampling procedures include wearing the proper respiratory equipment, wetting the sampled location with amended water prior to extraction, HEPA-vacuuming the loose debris to minimize airborne fiber release, and inserting the bulk sample into a sealable plastic bag for transportation back to the laboratory. The following will be documented on the bag and the sampled area: the job reference number, sample number location, inspector's name, date of sampling, and Criterion's name.
- c. The quantity of bulk sampling of each homogeneous type of suspicious ACM will be determined in the field by the building inspector and in house by the survey project manager.

3. Laboratory Analysis

The bulk samples will be examined first for homogeneity and preliminary fiber identification at low magnification. Positive identification of suspect asbestos fibers will be made by analysis of sub-samples with the polarized light microscope.

Samples will be analyzed in our in-house NVLAP-accredited laboratory following the EPA-recommended improved method for the determination of asbestos in bulk building materials. The types of fibers will be determined by the optical characteristics and a percentage range by volume of asbestos contained in the sample will be quantified.

4. Report

Upon completion of the asbestos survey, assessment, and laboratory analysis, a final report will be compiled which will delineate locations and conditions of ACM throughout the surveyed areas.

a. Description of Project

Included will be statements as to the various state, local, and federal certifications of our firm and employees directly involved with the project. Also, the report will document the various areas that were surveyed, the on-site contact person, address, date of inspection, the building inspector, and a report summary.

b. Observations during Inspections

Criterion will identify the location, type, and condition of ACM observed at the property. In addition, we will estimate the total amount of identified, friable and non-friable ACM detected and any reason behind any reported deterioration. A determination of the quantity of friable and non-friable ACM will be documented and will be reported for each area of the property.

c. Results of Tests/Chain of Custody

Criterion will include a Certificate of Analysis and Asbestos Bulk Sample Report for each bulk sample taken. The Certificate of Analysis will include the facility number, date of analysis, project number, bulk sample number, location of sample taken, sample appearance, type of asbestos, percentage of asbestos, and other fibrous material found. Chain of Custody letters are included here and are signed by each individual who participates in the asbestos bulk survey and inspection.

d. Synopsis of Conditions

This section will include a description of the condition and square footage or linear footage of friable and non-friable ACM identified by our inspectors. By evaluating the condition of the ACM, recommendations will be given for all identified ACM.

B. Mold Inspection

Criterion will conduct a thorough visual inspection for visible evidence of fungal growth or water intrusion.

Samples for total airborne spore counts will be collected at representative areas throughout the building and outdoors, for comparison. Recommendations will be made based on results of the visual inspection and air sampling.

II. PROJECT COSTS

A. Asbestos/Mold Inspector

A Pennsylvania-licensed asbestos building inspector will be provided for the collection of bulk samples, assessing the condition of the material, and quantifying identified ACM within the building.

One (1) site visit @ \$600.00/site visit\$600.00

B. Project Management

A project manager will be responsible for oversight of data base review, project initiation, continued project management, communication with client, oversight of field activities and final report review.

One (1) hour @ \$82.00/hour No Charge

C. Clerical Report Preparation/Data Entry

All data from material assessment sheets shall be compiled, entered and cross-referenced against laboratory sample analysis. We estimate four (4) hours to complete data entry.

Four (4) hours @ \$55.00/hour\$220.00

D. Technical Report Writing and Presentation of Data

At the completion of the survey, all collected data will be evaluated to prepare recommendations.

Four (4) hours @ \$82.00/hour\$328.00

E. Laboratory Analysis

i. Asbestos Bulk Samples (PLM)

Optical analysis utilizing Polarized Light Microscopy (PLM) will be performed on all bulk samples collected. Asbestos bulk samples will be submitted for a 3-5 day turnaround time (quicker turnaround times are available).

Fifty (50) samples @ \$15.00/sample\$750.00

ii. Total Airborne Fungal Spores


A visual inspection for mold growth and wet building materials will be conducted. Air samples will be collected at representative areas inside the building and, outdoors, for comparison.

Eight (8) samples @ \$60.00/sample\$480.00

TOTAL ESTIMATED COST.....\$2,378.00

Acknowledgement: If this proposal is satisfactory to you, please sign where indicated and return one copy to my attention.

Criterion will invoice the Borough of West Chester upon completion of services. The Borough of West Chester agrees to pay all amounts due within thirty (30) days of date of invoice. Criterion accepts payment in the form of check, money order, cash or VISA/MasterCard/Discover/American Express.

Borough of West Chester	Criterion Laboratories, Inc.
BY:	BY: 
NAME:	NAME: Eric Wysocki
TITLE:	TITLE: Project Manager
DATE:	DATE: October 9, 2017