

FACILITIES MANAGEMENT

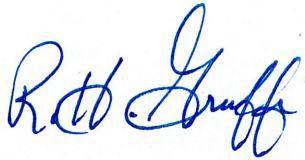
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Robert H. Gruffi, P.E. LEED AP
Director, Facilities Management

DATE: December 10, 2021

TO: All Bidders

FROM: Robert H. Gruffi, P.E., LEED AP
Director, Facilities Management



SUBJECT: Capital Project 1483, Construct New Animal Shelter Building
Addendum #6 – Final Answers to Questions, Additional information from
Hazardous Material Survey

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ADDENDUM #6

This Addendum Consists of answers to all questions received up to the closing date to receive questions and additional information from the Hazardous Material Survey.

No additional questions will be taken.

Please Note the following final answers to questions.

Concerning the site fencing installed in the retaining wall, the sleeve is to be provided by the General Construction Contractor, and the fence posts set in concrete as per specification. There is no guard rail set in the block retaining wall system.

This Addendum is hereby included in and made part of the Contract whether or not attached thereto. All requirements of the original Specifications and Drawings shall remain in force except as noted by issued Addenda.

Please sign and return this as acknowledgement of receipt of this Addendum to the Facilities Management Office (845-364-3810).

Name

Company

Date



1.0 Introduction

Atlas is pleased to present the results of the asbestos sampling services conducted at the animal shelter located at 65 Firemen's Memorial Drive, Pomona, NY 10970 (the "Site"). These services were performed in accordance with the service assignment received by Atlas from Rockland County, and exercising the customary skill and competence of consulting professionals in the relevant disciplines in this region.

1.1 Purpose

Atlas' inspection was requested by Rockland County. This inspection included a review of building materials at the referenced property, and a limited asbestos survey of building materials that were readily identified. This report presents the results of the asbestos survey services at the Site.

1.2 Investigative Work

Mr. Pavel Mashenko (NYSDOL Asbestos Inspector license number 95-04292), of Atlas' New York City office, performed the asbestos inspection on October 25, 2021. The complete assessment included a visual review and asbestos sampling of suspect building materials in the animal shelter. These services were limited to readily accessible materials in the areas made available to Atlas at the time of the inspection.

2.0 Investigative Work

2.1 Asbestos Samples

A total of 58 bulk asbestos samples were collected during the aforementioned site visit and were submitted to Atlas' laboratory located in New York, New York for analyses. Atlas' laboratory is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP ID 102031), and the New York State Department of Health Wadsworth Center (NY Lab ID No 10879) for asbestos fiber analysis.

The United States Environmental Protection Agency (US EPA) and NYSDOL asbestos regulations define Asbestos Containing Material (ACM) as a material with greater than 1-percent ($>1\%$) asbestos content. The bulk samples were analyzed using the EPA's Method for the Determination of Asbestos in Building Materials (EPA Method 600/M4-82-020; 600/R-93/116) by polarized light microscopy (PLM). In accordance with the NYSDOH laboratory asbestos regulations, Non-Friable Organically Bound (NOB) materials with initial negative PLM result, were re-analyzed utilizing transmission electron microscopy (TEM) methodology in accordance with EPA 40 Code of Federal Registry (CFR), Part 763, Final Rule; Asbestos Hazard Emergency Response Act (AHERA) method with Selected Area Electron Diffraction (SAED) and Energy Dispersive X-Ray Microanalysis (EDX).

Table 1, on the following pages, details the materials sampled, the locations from which the samples were collected and the asbestos bulk sampling results. The laboratory analytical report is included in Appendix A, and Appendix B contains company and individual licenses.



Table 1: Asbestos Sample Results

Location	Material Description	Homogenous Area	ACM	Estimated Quantity
Main roof	Roofing material, 1 st layer	01	N	N/A
	Insulation foam vapor barrier	02	N	N/A
	Roofing material, 2nd layer	03	Y	4,000 SF
	Roofing material, 3 rd layer	04	TR	N/A
North annex roof	Roofing material	05	N	N/A
	Pressed fiber insulation	06	N	N/A
Main roof	Vent pipe – old tar/caulk	07	Y	20 SF
	Roof fan – roofing tar	08	N	N/A
	Skylight caulk	09	N	N/A
South Side Lobby, Cat's Room, corridor	12"x12" off-white vinyl floor tile	10	Y	600 SF
	Vinyl floor tile mastic	11	N	N/A
South Side Lobby, Cat's Room, corridor, bathroom	2'x4' acoustic ceiling tile	12	N	N/A
Isolation room and bathroom	Gypsum wallboard	13	N	N/A
	Gypsum wallboard joint compound	14	N	N/A
Dog kennels area	Cinderblock wall mortar	15	N	N/A
Medical room	12"x12" tan w/flecks vinyl floor tile	16	N	N/A
	Vinyl floor tile mastic	17	N	N/A
	4" vinyl cove base	18	N	N/A
	Vinyl cove base adhesive	19	N	N/A
Isolation room	12"x12" vinyl floor tile	20	N	N/A
	Vinyl floor tile mastic	21	N	N/A
	4" vinyl cove base	22	N	N/A
	Vinyl cove base adhesive	23	N	N/A



Location	Material Description	Homogenous Area	ACM	Estimated Quantity
Dog kennels area	Pipe fitting cement	24	N	N/A
Exterior	Gas valve gasket	25	N	N/A
	Window glazing	26	N	N/A
	Wall skim coat plaster	27	N	N/A

Notes: Y = ACM; N = Non-ACM; TR = Trace asbestos; NA = Not Applicable; SF = Square Feet

The results of the limited survey conducted on October 25, 2021 at the animal shelter, indicated that the following building materials tested **positive for asbestos**, greater than 1%:

- Main roof roofing material (2nd layer),
- Tar/caulking on the main roof vent pipe, and
- 12"x12" off-white vinyl floor tiles; south side rooms.

The following building materials were found to contain **less than 1% asbestos**, while under USEPA and NYSDOL asbestos regulations, are not considered to be ACM or suspect ACM:

- Main roof roofing material (3rd layer).

All other materials sampled and analyzed were negative for asbestos. Additional suspect ACMs may be present on site in inaccessible or concealed spaces (such as pipe chases, utility shafts, spaces between wall/ceiling/floor/door cavities, etc.).

3.0 Findings and Conclusions

Based on Atlas' survey and bulk sampling conducted on October 25, 2021 in the animal shelter at 65 Firemen's Memorial Drive, Pomona, NY 10970, it has been confirmed that the main roof roofing material (2nd layer), tar/caulking on the main roof vent pipe, and 12"x12" off-white vinyl floor tiles in the south side rooms are regulated ACM. Proper asbestos abatement procedures must be utilized to abate these materials in compliance with local, state, and federal rules and regulations. Atlas further recommends that any abatement to remove the ACM roofing materials and floor tiles should include all associated materials down to the substrate.

4.0 Limitations

The results, conclusions, and recommendations expressed in this report are based only on conditions that were noted during the October 25, 2021 survey in the animal shelter at 65 Firemen's Memorial Drive, Pomona, NY 10970. The report is designed to aid the building owner, architect, construction manager, general contractors, and potential asbestos abatement contractors in locating ACM.