

April 30, 2021

Mr. Timothy Peddicord
Project Manager
ODOT District 6
400 E. William Street
Delaware, Ohio 43015

Subject: FRA-670-0.18 Asbestos Inspections
IR-670 over IR 70 WB Bridge
IR 670 over McKinley Avenue Bridge
IR 670 over Scioto River, US33 & RR Bridge
Columbus, Ohio

Dear Mr. Peddicord:

We are pleased to provide you with this letter report, which details the environmental sampling services that Michael Baker International (Michael Baker) has recently provided for the FRA-670-0.18 Bridge Rehabilitation Project.

Scope of Work

Michael Baker was requested to conduct an inspection for the presence of asbestos-containing materials (ACM) on three bridges located within the FRA-670-0.18 project. The project is for the rehabilitation of the IR 670 over IR 70 WB, IR 670 over McKinley Avenue, and IR 670 over Scioto River, US 33 and railroad bridges. Bridge repairs will include deck overlays, barrier replacement and miscellaneous substructure concrete repairs. The purpose of the inspection was to meet the requirements of the Environmental Protection Agency (EPA), State of Ohio, and the National Emission Standards for Hazardous Air Pollutants (NESHAP) standards. The NESHAP standard (40 CFR, Part 61) requires that an asbestos inspection be conducted prior to renovation/demolition activities of any structure or dwelling.

The following bridges were inspected within the project.

Structure File Number	Bridge	Feature Intersected	Number of Samples Collected
2504375	FRA-670-03.10	IR-670 over Scioto River, US 33 & RR	27
2504367	FRA-670-02.10	IR-670 over McKinley Avenue	9
2504340	FRA-670-01.70	I-670 over IR-70 WB	6

Field Visit Investigation

The survey was conducted on March 20, 2021 by Debra E. White, a licensed Ohio Asbestos Hazard Evaluation Specialist (OH license #ES33834). The field inspector surveyed the three bridges and identified fourteen (14) homogeneous areas that were considered suspected asbestos-containing building materials from the structures. The bulk material samples were collected and analyzed for the presence of asbestos. Samples were submitted using chain-of-custody documentation to EMSL Analytical, Inc. in Cinnaminson, New Jersey. EMSL is accredited by the American Industrial Hygiene Association (AIHA) and the U.S. National Institute of Standards and Technology under the National Voluntary Laboratory Accreditation Program (NIST/NVLAP) for bulk material analysis for asbestos. The bulk asbestos samples were analyzed by Polarized Light Microscopy (PLM), Environmental Protection Agency (EPA) Method for Determination of Asbestos in Bulk Building Materials, EPA/600/R-93/116 (7/93 Edition). Table 1 presents the specific information for all the building components that were sampled as suspected ACM and is found in Attachment A.

Findings and Recommendations

As for the building materials recorded in Table 1, the laboratory analyses of the material samples indicated that none of the sampled materials contained asbestos greater than the EPA criteria level of 1% asbestos by weight or in accordance with USEPA National Emission Standard for Hazardous Air Pollutants (NESHAP) regulations. The final laboratory analytical report for these samples is contained in Attachment B. Attachment C contains photos of all the suspect asbestos-containing materials sampled.

Should you have any questions regarding this report, please do not hesitate to call me at (216) 776-6612.

Sincerely,

MICHAEL BAKER INTERNATIONAL, INC.



Debra E. White, CHMM, PWS
Environmental Manager

Cc: T. Porter