



February 26, 2018

Re: Asbestos Survey of PAU-SR 114-19.88/22.50 for PID: 106401

On August 16, 2017 Tim Ziessler (AHES # 35307) of the Ohio Department of Transportation conducted an asbestos survey on the SR 114 bridge over the Little Auglaize River in Paulding County. The purpose of this survey was to determine the presence of asbestos-containing materials located in/on the structure prior to repair.

The survey consisted of an inspection of all accessible areas on top of and below the structure to confirm the presence, location and quantities of suspected asbestos-containing materials. Bulk samples were collected from materials that could potentially be impacted in the repair of the following structure:

CRS: PAU-SR 114-22.50 PID: 106401 SFN: 6301142

After collection, the bulk samples that were submitted to DMD Environmental, Inc. for analysis by Polarized Light Microscopy to determine asbestos type and content, if any. **Laboratory analyses indicate that no asbestos was detected in the bulk samples.**

Attachments:

Attachment A; Laboratory results and chain-of-custody documentation for the bulk samples collected

Attachment B: Ohio Department of Health certification for Tim Ziessler, Asbestos Hazard Evaluation Specialist

Timothy Ziessler

2-6-2020


ANALYTICAL REPORT - POLARIZED LIGHT MICROSCOPY (PLM)

CLIENT: Mr. Timothy J. Ziessler Ohio Department of Transportation District 1 1885 North McCullough Street Lima, Ohio 45801 (419) 549-7798	Date Sampled: 8/16/17 Date Received: 8/28/17 Date Analyzed: 8/30/17	DMD Project No: 17-0016.01 DMD Report No: 38016 Sampled By: Client
PROJECT: Project No: 100746/106401		Page 1 of 1

LAB NO.	SAMPLE #/LAYER	SAMPLE LOCATION/IDENTIFICATION	F/NF	MICROSCOPIC DESCRIPTION	NON-ASBESTOS COMPONENTS	ASBESTOS CONTENT
B-08878	8/16/17 A-9	Deck waterproofing PAU-114-19.64 SFN-6301088	NF-II	Dark gray fibrous material	30% synthetic fibers, carbonates, quartz, organics	No asbestos detected
B-08879	8/16/17 A-10	Deck waterproofing PAU-114-19.64 SFN-6301088	NF-II	Dark gray fibrous material	30% synthetic fibers, carbonates, quartz, organics	No asbestos detected
B-08880	8/16/17 A-11	Deck waterproofing PAU-114-21.73 SFN-6301188	NF-II	Dark gray fibrous material	30% synthetic fibers, carbonates, quartz, organics	No asbestos detected
B-08881	8/16/17 A-12	Deck waterproofing PAU-114-21.73 SFN-6301188	NF-II	Dark gray fibrous material	30% synthetic fibers, carbonates, quartz, organics	No asbestos detected
B-08882	8/16/17 A-13	Deck waterproofing PAU-114-22.50 SFN-6301142	NF-II	Dark gray fibrous material	30% synthetic fibers, carbonates, quartz, organics	No asbestos detected
B-08883	8/16/17 A-14	Deck waterproofing PAU-114-22.50 SFN-6301142	NF-II	Dark gray fibrous material	30% synthetic fibers, carbonates, quartz, organics	No asbestos detected

* = Point counted

F: Friable NF: Non-friable NF-I: Non-friable Category I NF-II: Non-friable Category II
ANALYTICAL METHOD: EPA Method 600/R-93/116 **ANALYST:** Edward Kinkey **ANALYST CERTIFICATION:** McCrone Institute, "Microscopical Identification of Asbestos and Related Minerals"
LABORATORY QUALITY ASSURANCE: DMD is a participant in the American Industrial Hygiene Association "Bulk Asbestos Quality Assurance Program".
STATEMENT OF ANALYTICAL ERROR IN PLM: Estimates of percentages below the detection limit or greater than 10% asbestos content are based upon visual area estimation by the analyst for the area examined. Percentages above the detection limit and up to 10% are confirmed by point counting. Results may be stated in ranges which reflect the inherent variability of area estimation and the point count technique.
NON-FRIABLE MATERIALS: We recommend non-friable materials such as floor tile and linoleum that contain less than one percent asbestos by PLM be confirmed by transmission electron microscopy (TEM).
 Total asbestos estimates are based upon the relative quantities of each layer submitted, which may not reflect actual relative quantities.

Analysis Approved by:  Analyst

State of Ohio
Department of Health
Asbestos Program

Asbestos Hazard Evaluation Specialist



Timothy J Ziessler

11770 State Highway 294

Upper Sandusky OH 43351

Certification Number

ES35307

Expiration Date

04/11/2018

DCE 05/05/1960

This certification is issued pursuant to Chapter 3733 of the Revised Code and 3701-34 of the Ohio Administrative Code.

